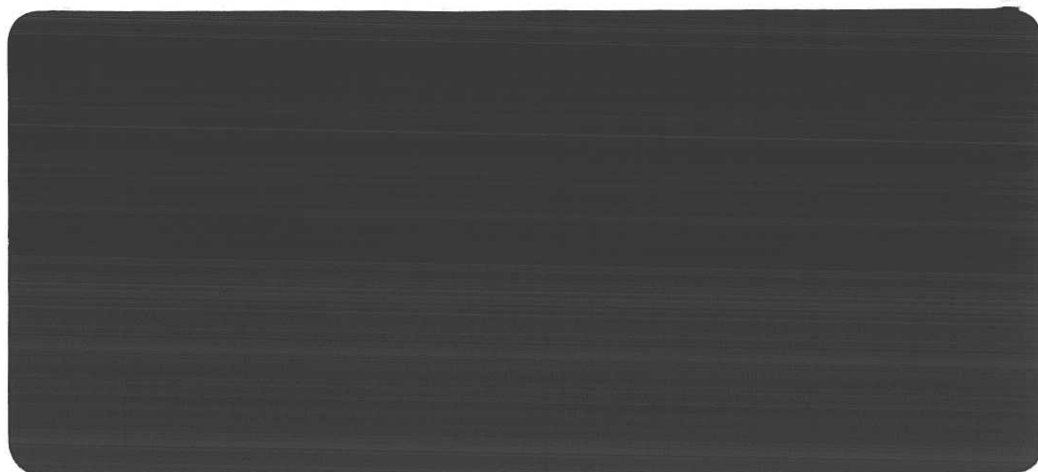




CITY OF LONDON

BURNHAM BEECHES

APPEAL BY SUMMERLEAZE AGAINST REFUSAL OF PLANNING
PERMISSION FOR GRAVEL EXTRACTION AND LANDFILLING
AT EAST BURNHAM, BUCKINGHAMSHIRE



WARDELL ARMSTRONG

Mining, Minerals and Environmental Consultants



Frank Graham Geotechnical Limited
Frank Graham Consulting Engineers Limited



Hydraulics Research



Institute of
Hydrology



THE
NATURAL
HISTORY
MUSEUM

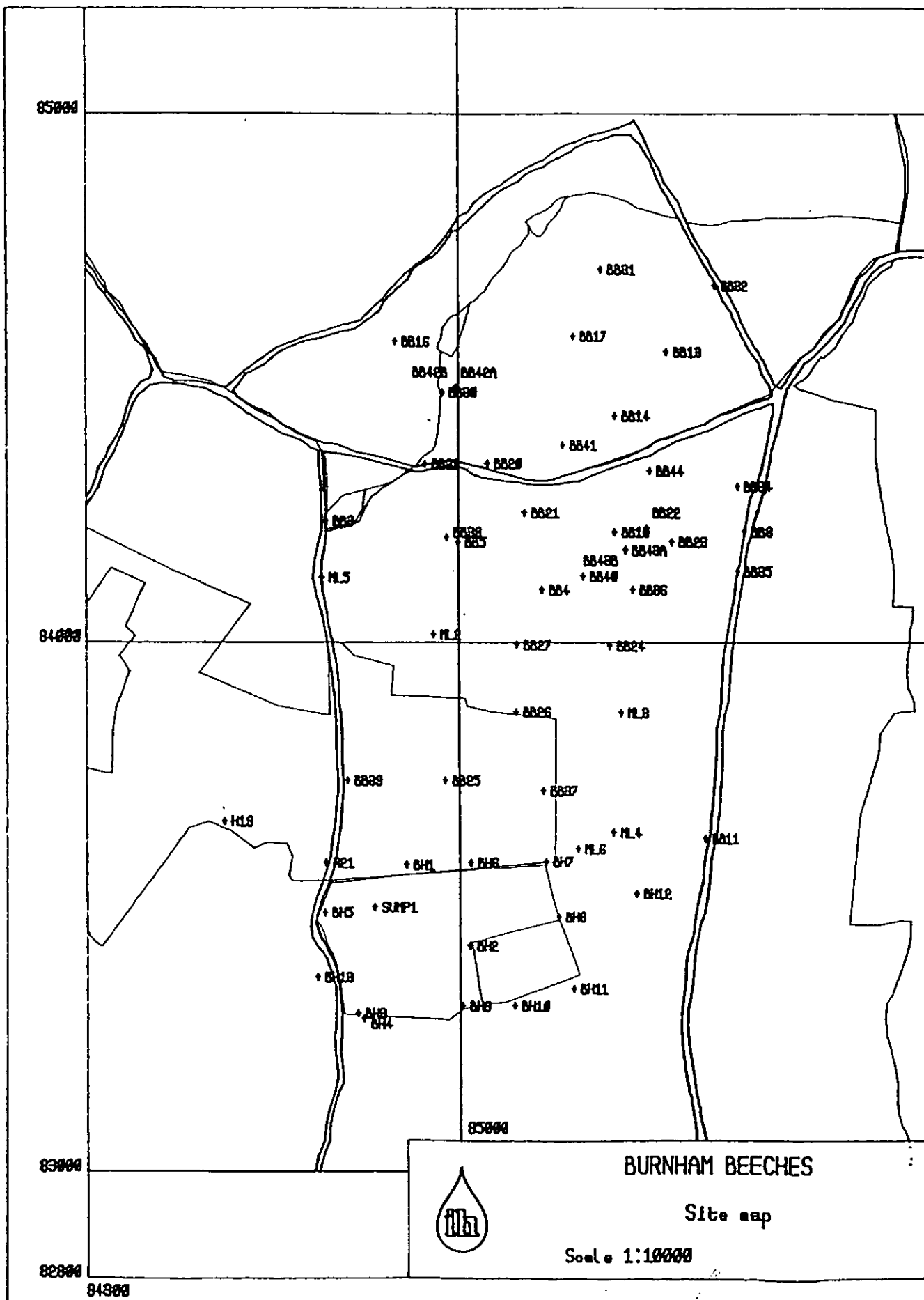
Hydrogeological Investigation - Interim Report

Appendices

Institute of Hydrology

December 1990

Appendix 1 Map of station locations



**Appendix 2 List of stations in GRIPS (with
grid references and datum
elevation)**

BURNHAM BEECHES

Station Number	Grid Reference	Datum elev.
BB10	95300 84210	64.83
BB11	95470 83630	52.10
BB13	95400 84550	75.20
BB14	95300 84430	74.55
BB16	94880 84570	65.72
BB17	95220 84580	73.44
BB20	95056 84340	62.96
BB21	95127 84246	61.20
BB22	95360 84217	66.68
BB23	95410 84191	
BB24	95290 83994	52.57
BB25	94974 83740	49.88
BB26	95110 83870	51.45
BB27	95111 83996	52.58
BB29	94937 84339	55.31
BB3	94750 84230	50.74
BB30	94970 84474	58.29
BB31	95274 84706	73.24
BB32	95491 84676	74.55
BB34	95536 84296	72.34
BB35	95536 84135	61.70
BB36	95334 84100	58.23
BB37	95161 83720	51.72
BB38	94978 84200	
BB39	94789 83740	51.21
BB4	95160 84100	55.30
BB40	95239 84126	58.28
BB41	95200 84375	70.58
BB42A	94994 84482	61.99
BB42B	94995 84483	61.28
BB43A	95320 84175	62.78
BB43B	95321 84176	62.25
BB44	95367 84326	72.15
BB5	95000 84190	56.97
BB8	95550 84210	67.54
BH1	94900 83580	52.86
BH10	95106 83316	49.92
BH11	95219 83348	49.01
BH12	95340 83526	51.05
BH13	94732 83368	53.45
BH2	95020 83428	52.78
BH3	94808 83300	52.20
BH4	94819 83290	51.45
BH5	94746 83490	53.14
BH6	95022 83584	53.16
BH7	95166 83586	52.78
BH8	95190 83482	52.27
BH9	95006 83315	49.43
H19	94558 83663	51.34
H21	94748 83584	50.21
ML2	94952 84016	54.08
ML3	95311 83868	52.55
ML4	95296 83641	52.52

BURNHAM BEECHES

Station Number	Grid Reference	Datum elev.
MLS	94742 84123	53.27
ML6	95228 83610	52.20
RAINFALL		
SUMP1	94840 83500	53.71

**Appendix 3 Construction details of boreholes
drilled for Corporation during
1990**

BURNHAM BEECHES

Station BB20

Grid reference 95056 84340

Location along track running from Lorraine to Acorns 33m from W end

Datum elevation 62.96 m. well top

Contractor IH

Completion date 3 May 90

Rig type shell and auger

Start date 30 Apr 90

Drilled diameters

from 0.00 to 6.10 150.00 mm diam.

Water struck at 4.60

Casing type steel/PVC pipe

from 0.00 to 4.66 50.00 mm diam.

from 5.61 to 6.04 50.00 mm diam.

Sediment trap

length 0.43 m. 50.00 mm diam.

Screen type PVC pipe

from 4.66 to 5.61 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

spoil from 0.00 to 0.20

concrete from 0.20 to 0.60

spoil from 0.60 to 3.20

bentseal from 3.20 to 3.30

pea grav from 3.30 to 3.70

sand from 3.70 to 5.60

bentseal from 5.60 to 5.80

pea grav from 5.80 to 6.10

BURNHAM BEECHES

Station BB21

Grid reference 95127 84246

Location 3.5m S of W end of northernmost greenhouse at East
Burnham House

Datum elevation 61.20 m. well top

Contractor IH

Completion date 6 Jun 90

Rig type shell and auger

Start date 4 Jun 90

Drilled diameters

from 0.00 to 10.00 150.00 mm diam.

Water struck at 6.00

Casing type steel/PVC pipe

from 0.00 to 7.93 50.00 mm diam.

from 9.00 to 9.13 50.00 mm diam.

Sediment trap

length 0.13 m. 50.00 mm diam.

Screen type PVC pipe

from 7.93 to 9.00 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 6.40

bentseal from 6.40 to 6.80

pea grav from 6.80 to 9.20

spoil from 9.20 to 10.00

BURNHAM BEECHES

Station BB22

Grid reference 95360 84217

Location 1.4m E of divid.fence of NW Keensacre field 12.2m N of
S border

Datum elevation 66.68 m. well top

Contractor IH

Completion date 22 May 90

Rig type shell and auger

Start date 18 May 90

Drilled diameters

from 0.00 to 10.10 150.00 mm diam.

Water struck at 1.60

Casing type steel/PVC pipe

from 0.00 to 4.58 50.00 mm diam.

from 5.58 to 5.71 50.00 mm diam.

Sediment trap

length 0.13 m. 50.00 mm diam.

Screen type PVC pipe

from 4.58 to 5.58 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 3.30

natural from 3.30 to 3.90

bentseal from 3.90 to 4.30

sand from 4.30 to 4.40

pea grav from 4.40 to 5.70

sand from 5.70 to 6.00

bentseal from 6.00 to 6.50

spoil from 6.50 to 10.10

BURNHAM BEECHES

Station BB23

Grid reference 95410 84191

Location 8m from N & 2m from E boundaries of SW field of
Keensacre

Contractor IH

Completion date 24 May 90

Rig type shell and auger

Start date 22 May 90

Drilled diameters

from 0.00 to 10.20 200.00 mm diam.

[NB all depths in metres]

BURNHAM BEECHES

Station BB24

Grid reference 95290 83994

Location NE corner of NE field of Leys Farm 28m from N & 5m
from E border

Datum elevation 52.57 m. well top

Contractor IH

Completion date 24 Jul 90

Rig type shell and auger

Start date 19 Jul 90

Drilled diameters

from 0.00 to 10.80 150.00 mm diam.

Casing type steel/PVC pipe

from 0.00 to 5.02 50.00 mm diam.

from 6.02 to 6.15 50.00 mm diam.

Sediment trap

length 0.13 m. 50.00 mm diam.

Screen type PVC pipe

from 5.02 to 6.02 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete	from 0.00	to 0.60
spoil	from 0.60	to 3.90
bentseal	from 3.90	to 4.30
sand	from 4.30	to 4.40
pea grav	from 4.40	to 7.80
bentseal	from 7.80	to 8.80
spoil	from 8.80	to 10.80

BURNHAM BEECHES

Station BB25

Grid reference 94974 83740

Location in field W of track S of Leys Farm 93m from N & 3m
from W border

Datum elevation 49.88 m. well top

Contractor IH
Completion date 17 Jul 90

Rig type shell and auger
Start date 9 Jul 90

Drilled diameters

from 0.00	to 20.20	200.00 mm diam.
from 20.20	to 25.50	150.00 mm diam.

Water struck at 20.10

Casing type steel/PVC pipe

from 0.00	to 21.23	50.00 mm diam.
from 22.23	to 22.35	50.00 mm diam.

Sediment trap

length 0.12 m. 50.00 mm diam.

Screen type PVC pipe

from 21.23 to 22.23 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete	from 0.00	to 0.60
spoil	from 0.60	to 8.50
bentseal	from 8.50	to 9.00
spoil	from 9.00	to 12.00
bentseal	from 12.00	to 12.50
spoil	from 12.50	to 19.70
bentseal	from 19.70	to 20.10
sand	from 20.10	to 20.20
pea grav	from 20.20	to 22.30
bentseal	from 22.30	to 23.30

BURNHAM BEECHES

Station BB26

Grid reference 95110 83870

Location SW corner of NE field of Leys Farm 5m from S & 7m from
W borders

Datum elevation 51.45 m. well top

Contractor IH

Completion date 9 Jul 90

Rig type shell and auger

Start date 6 Jul 90

Drilled diameters

from 0.00 to 7.50 150.00 mm diam.

Water struck at 3.65

Casing type steel/PVC pipe

from 0.00 to 4.10 50.00 mm diam.

from 4.60 to 4.70 50.00 mm diam.

Sediment trap

length 0.10 m. 50.00 mm diam.

Screen type PVC pipe

from 4.10 to 4.60 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.50

spoil from 0.50 to 2.70

bentseal from 2.70 to 3.40

sand from 3.40 to 3.70

pea grav from 3.70 to 4.60

spoil from 4.60 to 5.30

bentseal from 5.30 to 5.80

spoil from 5.80 to 7.50

BURNHAM BEECHES

Station BB27

Grid reference 95111 83996

Location NW corner of NE field of Leys Farm 4m from N & 6m from
W borders

Datum elevation 52.58 m. well top

Contractor IH

Completion date 5 Jul 90

Rig type shell and auger

Start date 4 Jul 90

Drilled diameters

from 0.00 to 7.70 150.00 mm diam.

Casing type steel/PVC pipe

from 0.00 to 4.00 50.00 mm diam.

from 4.40 to 4.50 50.00 mm diam.

Sediment trap

length 0.10 m. 50.00 mm diam.

Screen type PVC pipe

from 4.00 to 4.40 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.50

spoil from 0.50 to 2.70

bentseal from 2.70 to 3.30

sand from 3.30 to 3.50

pea grav from 3.50 to 4.40

spoil from 4.40 to 5.80

bentseal from 5.80 to 6.40

spoil from 6.40 to 7.70

BURNHAM BEECHES

Station BB29

Grid reference 94937 84339

Location 13.5m N of Hawthorn Lane 32.5m E of Swilly Brook bridge
Datum elevation 55.31 m. well top

Contractor IH

Completion date 9 May 90

Rig type shell and auger

Start date 7 May 90

Drilled diameters

from 0.00 to 10.90 150.00 mm diam.

Water struck at 0.94

Casing type steel/PVC pipe

from 0.00 to 0.80 50.00 mm diam.

from 1.80 to 1.86 50.00 mm diam.

Sediment trap

length 0.06 m. 50.00 mm diam.

Screen type PVC pipe

from 0.80 to 1.80 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.50

pea grav from 0.50 to 1.80

spoil from 1.80 to 10.90

BURNHAM BEECHES

Station BB30

Grid reference 94970 84474

Location 4m E of Swilly Brook 68m S of outfall from Middle Pond
Datum elevation 58.29 m. well top

Contractor IH
Completion date 11 May 90

Rig type shell and auger
Start date 9 May 90

Drilled diameters
from 0.00 to 8.50 150.00 mm diam.

Water struck at 0.57

Casing type steel/PVC pipe
from 0.00 to 2.37 50.00 mm diam.
from 3.33 to 3.75 50.00 mm diam.

Sediment trap
length 0.42 m. 50.00 mm diam.

Screen type PVC pipe
from 2.37 to 3.33 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap
Pack construction

concrete	from 0.00	to 0.50
spoil	from 0.50	to 1.60
bentseal	from 1.60	to 2.00
sand	from 2.00	to 3.60
pea grav	from 3.60	to 3.80
spoil	from 3.80	to 4.25
bentseal	from 4.25	to 5.00
spoil	from 5.00	to 8.50

BURNHAM BEECHES

Station BB31

Grid reference 95274 84706

Location 23m S along track from junction with E-W track 100m E
of MidPond

Datum elevation 73.24 m. well top

Contractor IH

Completion date 18 May 90

Rig type shell and auger

Start date 16 May 90

Drilled diameters

from 0.00 to 6.20 150.00 mm diam.

Water struck at 1.40

Casing type steel/PVC pipe

from 0.00 to 2.98 50.00 mm diam.

from 3.98 to 4.04 50.00 mm diam.

Sediment trap

length 0.06 m. 50.00 mm diam.

Screen type PVC pipe

from 2.98 to 3.98 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 2.30

bentseal from 2.30 to 2.85

pea grav from 2.85 to 4.20

spoil from 4.20 to 6.20

BURNHAM BEECHES

Station BB32

Grid reference 95491 84676

Location 9m W of Sir H Peeks Drive 163m from Coronation Cottages

Datum elevation 74.55 m. well top

Contractor IH

Completion date 27 Apr 90

Rig type shell and auger

Start date 25 Apr 90

Drilled diameters

from 0.00 to 6.30 150.00 mm diam.

Water struck at 1.25

Casing type steel/PVC pipe

from 0.00 to 3.60 50.00 mm diam.

from 4.60 to 4.75 50.00 mm diam.

Sediment trap

length 0.15 m. 50.00 mm diam.

Screen type PVC pipe

from 3.60 to 4.60 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 3.30

bentseal from 3.30 to 3.40

sand from 3.40 to 3.50

pea grav from 3.50 to 4.75

spoil from 4.75 to 6.30

BURNHAM BEECHES

Station BB34

Grid reference 95536 84296

Location NE corner of NE field of Keensacre at border of
Training Centre

Datum elevation 72.34 m. well top

Contractor IH

Completion date 30 May 90

Rig type shell and auger

Start date 28 May 90

Drilled diameters

from 0.00 to 7.90 150.00 mm diam.

Water struck at 2.60

Casing type steel/PVC pipe

from 0.00 to 2.76 50.00 mm diam.

Screen type PVC pipe

from 2.76 to 3.16 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete	from 0.00	to 0.60
spoil	from 0.60	to 1.80
bentseal	from 1.80	to 2.20
sand	from 2.20	to 2.40
pea grav	from 2.40	to 3.10
sand	from 3.10	to 3.40
bentseal	from 3.40	to 3.70
spoil	from 3.70	to 7.90

[NE all depths in metres]

BURNHAM BEECHES

Station BB35

Grid reference 95536 84135

Location SE corner of SE field of Keensacre

Datum elevation 61.70 m. well top

Contractor IH

Completion date 4 Jun 90

Rig type shell and auger

Start date 30 May 90

Drilled diameters

from 0.00 to 16.60 150.00 mm diam.

Casing type steel/PVC pipe

from 0.00 to 9.40 50.00 mm diam.

from 10.40 to 10.55 50.00 mm diam.

Sediment trap

length 0.15 m. 50.00 mm diam.

Screen type PVC pipe

from 9.40 to 10.40 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 8.50

bentseal from 8.50 to 9.00

sand from 9.00 to 9.20

pea grav from 9.20 to 10.50

spoil from 10.50 to 11.40

bentseal from 11.40 to 11.70

spoil from 11.70 to 16.60

[NB all depths in metres]

BURNHAM BEECHES

Station BB36

Grid reference 95334 84100

Location SW corner of SW field of Keensacre

Datum elevation 58.23 m. well top

Contractor IH

Rig type shell and auger

Completion date 1 Aug 90

Start date 31 Jul 90

Drilled diameters

from 0.00 to 10.00 150.00 mm diam.

Water struck at 6.27

Casing type steel/PVC pipe

from 0.00 to 8.38 50.00 mm diam.

from 8.88 to 8.97 50.00 mm diam.

Sediment trap

length 0.09 m. 50.00 mm diam.

Screen type PVC pipe

from 8.38 to 8.88 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 4.90

bentseal from 4.90 to 5.70

sand from 5.70 to 9.00

pea grav from 9.00 to 10.00

BURNHAM BEECHES

Station BB37

Grid reference 95161 83720

Location middle of SE field of Leys Farm 150m S of N & 100m E
of W border

Datum elevation 51.72 m. well top

Contractor IH

Completion date 27 Jul 90

Rig type shell and auger

Start date 26 Jul 90

Drilled diameters

from 0.00 to 8.70 150.00 mm diam.

Water struck at 3.78

Casing type steel/PVC pipe

from 0.00 to 4.00 50.00 mm diam.

from 5.40 to 5.50 50.00 mm diam.

Sediment trap

length 0.10 m. 50.00 mm diam.

Screen type PVC pipe

from 4.00 to 5.40 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 3.30

bentseal from 3.30 to 3.50

sand from 3.50 to 3.60

pea grav from 3.60 to 5.60

spoil from 5.60 to 5.90

bentseal from 5.90 to 6.70

BURNHAM BEECHES

Station 8838

Grid reference 94978 84200

Location edge of field opp junct of old E Burn Hse drive &
Thompkins Lane

Contractor IH

Completion date 25 Jul 90

Rig type shell and auger

Start date 24 Jul 90

Drilled diameters

from 0.00 to 13.00 200.00 mm diam.

[NB all depths in metres]

BURNHAM BEECHES

Station BB39

Grid reference 94789 83740

Location 56m S of NW corner of SW field of Leys Farm near W boundary

Datum elevation 51.21 m. well top

Contractor IH

Completion date 19 Jul 90

Rig type shell and auger

Start date 17 Jul 90

Drilled diameters

from 0.00 to 9.00 150.00 mm diam.

Casing type steel/PVC pipe

from 0.00 to 3.90 50.00 mm diam.

from 4.90 to 5.07 50.00 mm diam.

Sediment trap

length 0.17 m. 50.00 mm diam.

Screen type PVC pipe

from 3.90 to 4.90 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.50

spoil from 0.50 to 2.60

bentseal from 2.60 to 2.90

sand from 2.90 to 3.00

pea grav from 3.00 to 4.90

sand from 4.90 to 5.00

bentseal from 5.00 to 5.50

spoil from 5.50 to 9.00

BURNHAM BEECHES

Station BB40

Grid reference 95239 84126

Location In woods 25m NE of fork on drive to East Burnham House
Datum elevation 58.28 m. well top

Contractor IH

Rig type shell and auger

Completion date 8 Jun 90

Start date 6 Jun 90

Drilled diameters

from 0.00 to 8.80 150.00 mm diam.

Casing type steel pipe

from 0.00 to 7.42 20.00 mm diam.

Screen type steel pipe

from 7.42 to 7.52 20.00 mm diam. 3.50 mm slot size

[NB all depths in metres]

BURNHAM BEECHES

Station BB41

Grid reference 95200 84375

Location 98m from Stag PH along track running to Middle Pond

Datum elevation 70.58 m. well top

Contractor IH

Completion date 4 May 90

Rig type shell and auger

Start date 3 May 90

Drilled diameters

from 0.00 to 11.50 150.00 mm diam.

Water struck at 3.25

Casing type steel/PVC pipe

from 0.00 to 3.60 50.00 mm diam.

from 4.60 to 5.03 50.00 mm diam.

Sediment trap

length 0.43 m. 50.00 mm diam.

Screen type PVC pipe

from 3.60 to 4.60 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete	from 0.00	to 0.60
spoil	from 0.60	to 1.40
bentseal	from 1.40	to 2.00
sand	from 2.00	to 5.50
bentseal	from 5.50	to 6.00
spoil	from 6.00	to 6.80
bentseal	from 6.80	to 7.00
spoil	from 7.00	to 11.50

BURNHAM BEECHES

Station BB42A

Grid reference 94994 84482

Location 8.5m SW of track running 50m from Middle Pond towards
Stag PH

Datum elevation 61.99 m. well top

Contractor IH

Completion date 16 May 90

Rig type shell and auger

Start date 14 May 90

Drilled diameters

from 0.00 to 11.20 150.00 mm diam.

Water struck at 2.30, 5.40

Casing type steel/PVC pipe

from 0.00 to 7.23 50.00 mm diam.

from 8.26 to 8.34 50.00 mm diam.

Sediment trap

length 0.08 m. 50.00 mm diam.

Screen type PVC pipe

from 7.23 to 8.26 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete from 0.00 to 0.60

spoil from 0.60 to 2.80

natural from 2.80 to 4.90

sand from 4.90 to 5.00

bentseal from 5.00 to 5.40

sand from 5.40 to 6.25

bentseal from 6.25 to 6.50

sand from 6.50 to 8.00

pea grav from 8.00 to 8.70

bentseal from 8.70 to 9.20

BURNHAM BEECHES

Station BB42B

Grid reference 94995 84483

Location installed in same borehole as BB42A

Datum elevation 61.28 m.

Casing type steel/PVC pipe

from 0.00 to 3.43 50.00 mm diam.

from 4.51 to 4.54 50.00 mm diam.

Sediment trap

length 0.03 m. 50.00 mm diam.

Screen type PVC pipe

from 3.43 to 4.51 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

[NB all depths in metres]

BURNHAM BEECHES

Station BB43A

Grid reference 95320 84175

Location 2.7m E of W boundary & 20m S of N boundary of
Keensacre SW field

Datum elevation 62.78 m. well top

Contractor IH

Completion date 31 Jul 90

Rig type shell and auger
Start date 24 May 90

Drilled diameters

from 0.00 to 11.40 150.00 mm diam.

Water struck at 8.50, 10.30

Casing type steel/PVC pipe

from 0.00 to 10.87 50.00 mm diam.

from 11.37 to 11.44 50.00 mm diam.

Sediment trap

length 0.07 m. 50.00 mm diam.

Screen type PVC pipe

from 10.87 to 11.37 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

Pack construction

concrete	from 0.00	to 0.60
spoil	from 0.60	to 5.50
bentseal	from 5.50	to 6.00
sand	from 6.00	to 8.90
bentseal	from 8.90	to 9.40
sand	from 9.40	to 11.40

BURNHAM BEECHES

Station BB43B

Grid reference 95321 84176

Location installed in same borehole as BB42A

Datum elevation 62.25 m.

Casing type steel/PVC pipe

from 0.00 to 7.73 50.00 mm diam.

from 8.23 to 8.30 50.00 mm diam.

Sediment trap

length 0.07 m. 50.00 mm diam.

Screen type PVC pipe

from 7.73 to 8.23 50.00 mm diam. 1.50 mm slot size

Pack type Terram 1000 wrap

[NB all depths in metres]

BURNHAM BEECHES

Station BB44

Grid reference 95367 84326

Location 15m NE of shed E of Keensacre house

Datum elevation 72.15 m. well top

Contractor IH

Completion date 4 Jul 90

Rig type shell and auger

Start date 11 Jun 90

Drilled diameters

from 0.00	to 15.40	250.00 mm diam.
from 15.40	to 43.00	200.00 mm diam.
from 43.00	to 50.00	150.00 mm diam.

Water struck at 1.49, 5.18, 20.10, 38.25

Casing type PVC pipe

from 0.00	to 43.00	150.00 mm diam.
-----------	----------	-----------------

[NB all depths in metres]

**Appendix 4 Lithological details of boreholes
drilled for Corporation during
1990**

Station BB20

Grid Reference 95056 84340

Elevation 62.96

0.00 to 0.50	Very dense muddy sandy GRAVEL very dark greyish brown(10YR3/2)
0.50 to 1.40	Very dense very sandy GRAVEL brownish yellow (10YR6/8)
1.40 to 2.10	Dense muddy SAND brownish yellow (10YR6/6)
2.10 to 2.60	Firm clayey SILT strong brown (7.5YR5/6) sandy with interlaminated very pale brown (10YR7/3) muddy sand
2.60 to 5.60	Loose SAND reddish yellow (7.5YR6/6)
5.60 to 5.70	Firm-stiff CLAY yellowish red (5YR4/6)
5.70 to 6.00	Soft SILT yellowish brown (10YR5/6)
6.00 to 6.10	Loose-medium dense SAND yellowish brown (10YR5/6)

Station BB21

Grid Reference 95127 84246

Elevation 61.20

0.00 to 0.70	TOPSOIL brown (7.5YR5/3) dry friable silt loam becoming yellowish brown (10YR6/4) and stony at 0.3
0.70 to 1.80	Firm clayey SILT yellowish red (5YR5/8) with light grey (5YR7/1) mottling along roots
1.80 to 4.20	Firm clayey SILT strong brown (7.5YR5/8) sandy with some gravel between 1.8-2.9
4.20 to 4.30	Loose-medium dense SAND yellowish red (5YR5/8)
4.30 to 5.50	Firm clayey SILT strong brown (7.5YR5/8) sandy
5.50 to 5.90	Firm very muddy SAND reddish yellow (7.5YR6/6)
5.90 to 6.10	Loose-medium dense very muddy SAND strong brown (7.5YR5/8) with some gravel
6.10 to 6.50	Loose-medium dense very muddy SAND reddish yellow (7.5YR6/6) with some gravel
6.50 to 7.00	Loose-medium dense muddy SAND reddish yellow (7.5YR6/6) with some gravel
7.00 to 9.00	Loose-medium dense SAND reddish yellow (7.5YR6/6) with some gravel between 7.0-8.0
9.00 to 9.50	Firm-stiff silty CLAY strong brown (7.5YR5/6)
9.50 to 10.00	Stiff CLAY dark grey (N4)

Station BB22

Grid Reference 95360 84217

Elevation 66.68

0.00 to 0.60	TOPSOIL pinkish grey (5YR7/2) dry stony silt loam
0.60 to 0.80	Soft gravelly SILT light yellowish brown (10YR6/4)
0.80 to 1.40	Stiff gravelly CLAY light grey (N7) yellowish red (5YR5/8) mottled
1.40 to 1.70	Dense muddy gravelly SAND yellowish red (5YR5/8)
1.70 to 2.50	Very dense GRAVEL/SAND strong brown (7.5YR5/8)
2.50 to 3.00	Stiff CLAY yellowish red (5YR5/8) with light grey (N7) laminae and dendritic mottling
3.00 to 3.50	Stiff gravelly CLAY strong brown (7.5YR5/6) with light grey (N7) laminae and dendritic mottling
3.50 to 5.50	Dense muddy very sandy GRAVEL reddish yellow (7.5YR6/6) becoming strong brown (7.5YR5/8) at 4.5 and (7.5YR5/6) at 5.0
5.50 to 5.70	Dense muddy sandy GRAVEL strong brown (7.5YR5/6)
5.70 to 6.00	Stiff silty CLAY brown (7.5YR5/3)
6.00 to 6.90	Firm-stiff CLAY dark grey (N4)
6.90 to 7.80	Firm CLAY dark grey (N4)
7.80 to 8.20	Firm clayey SILT dark grey (N4) sandy
8.20 to 8.50	Soft clayey SILT dark grey (N4)
8.50 to 9.80	Firm clayey SILT dark grey (N4) with soft light grey (N6) dry silt between 8.8-8.9
9.80 to 9.90	Soft clayey SILT dark grey (N4)
9.90 to 10.10	Very soft-soft SILT dark grey (N4)

Station BB23

Grid Reference 95410 84191

0.00 to 0.30	TOPSOIL grey (N6) dry powdery stony silt loam
0.30 to 1.10	Firm CLAY light grey (N7) yellowish red (5YR5/8) mottled
1.10 to 1.30	Dense very muddy sandy GRAVEL strong brown (7.5YR5/8)
1.30 to 1.70	Firm-stiff silty CLAY yellowish red (5YR5/8) with some light grey (N7) mottling
1.70 to 3.10	Firm clayey SILT yellowish red (5YR5/8) with some gravel
3.10 to 4.00	Soft-firm clayey SILT pale yellow (2.5Y7/4) sandy with some strong brown (7.5YR5/8) mottling
4.00 to 5.50	Stiff CLAY yellowish red (5YR4/6) with some light grey (N7) mottling
5.50 to 7.30	Stiff CLAY yellowish red (5YR5/6)
7.30 to 8.40	Loose muddy SAND reddish yellow (7.5YR6/6)
8.40 to 8.80	Soft sandy SILT strong brown (7.5YR5/6) with sand between 8.6-8.7
8.80 to 9.80	Loose muddy SAND yellowish red (5YR5/6)
9.80 to 10.00	Soft clayey SILT yellowish red (5YR5/6)
10.00 to 10.10	Firm CLAY yellowish red (5YR5/6) pale yellow (5Y7/3) mottled
10.10 to 10.20	Very stiff CLAY yellowish red (5YR4/6)

Station BB24

Grid Reference 95290 83994

Elevation 52.57

0.00 to 0.20	TOPSOIL light yellowish brown (10YR6/4) dry powdery silt
0.20 to 0.60	Stiff clayey SILT light brown (7.5YR6/4) friable
0.60 to 1.00	Stiff clayey SILT brown (7.5YR5/3) gravelly and friable
1.00 to 1.50	Stiff clayey SILT strong brown (7.5YR5/8) slightly gravelly with some light brown (7.5YR6/4) mottling
1.50 to 1.80	Stiff silty CLAY brown (7.5YR5/3) very gravelly and strong brown (7.5YR5/8) mottled
1.80 to 3.50	Very dense muddy very sandy GRAVEL strong brown (7.5YR5/8)
3.50 to 4.00	Very dense very muddy very sandy GRAVEL strong brown (7.5YR5/8)
4.00 to 5.30	Very dense GRAVEL/SAND strong brown (7.5YR5/8)
5.30 to 6.00	Dense muddy very gravelly SAND strong brown (7.5YR5/6)
6.00 to 6.10	Soft-firm silty CLAY strong brown (7.5YR5/6) gravelly and very sandy
6.10 to 6.60	Firm-stiff CLAY dark grey (N4) strong brown (7.5YR5/6) mottled
6.60 to 8.90	Firm CLAY grey (N6)
8.90 to 9.10	Firm CLAY black (N2)
9.10 to 9.50	Firm silty CLAY grey (N6) with strong brown (7.5YR5/8) mottling
9.50 to 9.80	Firm silty CLAY strong brown (7.5YR5/8) sandy very gravelly and olive grey (5Y7/2) mottled
9.80 to 10.50	Dense muddy GRAVEL strong brown (7.5YR5/8)
10.50 to 10.80	Soft putty CHALK white (N8) with black (N2) flint nodules

Station BB25

Grid Reference 94974 83740

Elevation 49.88

0.00 to 0.60	TOPSOIL yellowish brown (10YR5/4) dry powdery silt becoming strong brown (7.5YR5/6) at 0.3
0.60 to 1.00	Firm-stiff clayey SILT strong brown (7.5YR5/6) with some gravel
1.00 to 1.20	Firm clayey SILT strong brown (7.5YR5/6) fissured
1.20 to 1.30	Firm clayey SILT light brown (7.5YR6/4) fissured
1.30 to 2.10	Firm clayey SILT light yellowish brown (10YR6/4) fissured and yellowish red (5YR5/8) mottled
2.10 to 2.50	Soft-firm SILT light yellowish brown (10YR6/4) with slight red (2.5YR4/8) mottling
2.50 to 3.10	Soft SILT red (2.5YR4/6) with light yellowish brown (10YR6/4) mottling
3.10 to 3.30	Soft SILT yellow (10YR7/6) reddish brown (5YR5/3) mottled
3.30 to 3.50	Soft SILT strong brown (7.5YR5/6) black (N2) mottled with some gravel
3.50 to 4.70	Firm clayey SILT brown (7.5YR5/3) with some black (N2) mottling becoming (10YR5/4) mottled at 4.1
4.70 to 5.10	Soft-firm clayey SILT light yellowish brown (10YR6/4)
5.10 to 6.30	Soft clayey SILT reddish yellow (7.5YR6/6) fissured with sandy silt between 6.0-6.1
6.30 to 6.50	Soft-firm clayey SILT light brown (7.5YR6/4) fissured with yellowish red (5YR5/8) mottling
6.50 to 6.70	Soft sandy SILT reddish yellow (7.5YR6/6)
6.70 to 7.20	Soft-firm clayey SILT light brown (7.5YR6/4) fissured with yellowish red (5YR5/8) mottling
7.20 to 7.60	Soft sandy SILT pinkish grey (5YR7/2) fissured and yellowish red (5YR5/8) mottled
7.60 to 8.20	Firm clayey SILT red (2.5YR4/6) fissured with pinkish grey (7.5YR7/2) mottling
8.20 to 8.90	Soft-firm clayey SILT pinkish grey (5YR7/2) fissured with yellowish red (5YR5/6) mottling along fissures
8.90 to 9.40	Soft clayey SILT dark red (10R3/6) pale yellow (5Y5/3) mottled
9.40 to 10.10	Soft clayey SILT light grey (N7) fissured with red (2.5YR4/8) along fissures
10.10 to 10.40	Soft sandy SILT light grey (N7) with strong brown (5YR5/6) and red (2.5YR4/6) mottling, some gravel below 10.3
10.40 to 10.90	Firm clayey SILT light grey (N7) very sandy very gravelly with yellowish red (5YR5/8) mottling
10.90 to 11.40	Firm clayey SILT red (2.5YR4/6) very gravelly yellowish red (5YR5/8) and light grey (10YR7/1) mottled
11.40 to 11.50	Medium dense very sandy GRAVEL light grey (N7) strong brown (7.5YR5/8) mottled

Station BB25 cont.

11.50 to 11.70	Firm clayey SILT light grey (N7) very gravelly with strong brown (7.5YR5/8) mottling
11.70 to 11.90	Medium dense very muddy very sandy GRAVEL strong brown (7.5YR5/8) with light grey (N7) mottling
11.90 to 12.10	Firm SILT reddish yellow (7.5YR6/8) with white (N8) cross-lamination
12.10 to 12.50	Soft-firm SILT light grey (N7) with some gravel and strong brown (7.5YR5/8) mottling
12.50 to 13.60	Firm SILT light grey (N7) with some gravel and some slight yellowish red (5YR5/8) mottling
13.60 to 14.20	Firm SILT yellowish red (5YR5/8) becoming soft-firm pinkish grey (7.5YR6/2) & strong brown (7.5YR5/8) at depth
14.20 to 14.50	Soft SILT brown (7.5YR5/3) with slight yellowish red (5YR5/2) mottling
14.50 to 14.70	Soft-firm SILT light brown (7.5YR6/4) red (2.5YR4/6) mottled with black (N2) ferric fragments
14.70 to 15.10	Soft sandy SILT light brown (7.5YR6/4) reddish yellow (5YR5/8) mottled
15.10 to 15.30	Soft SILT reddish yellow (7.5YR6/8) with yellowish red (5YR5/8) mottling becoming gravelly at 15.2
15.30 to 15.50	Firm clayey SILT reddish brown (5YR4/3) fissured with red (10R4/6) mottling
15.50 to 15.70	Firm clayey SILT light yellowish brown (10YR6/4) gravelly with yellowish red (5YR5/8) mottling and sandy between 15.5-15.6
15.70 to 15.90	Soft-firm clayey SILT strong brown (7.5YR5/8) yellowish red (5YR5/8) mottled becoming sandy towards base
15.90 to 16.20	Medium dense very muddy sandy GRAVEL yellowish red (5YR5/8) black (N2) and light yellowish brown (10YR6/4) mottled
16.20 to 16.50	Medium dense very sandy GRAVEL light yellowish brown (10YR6/4) becoming black (N2) and muddy at 16.4
16.50 to 16.60	Loose-medium dense very muddy GRAVEL/SAND light yellowish brown (10YR6/4) yellowish red (5YR5/8) and black (N2) mottled
16.60 to 17.00	Loose-medium dense GRAVEL/SAND reddish yellow (7.5YR6/6)
17.00 to 17.40	Firm clayey SILT pale olive (5Y6/3) sandy very gravelly with some yellowish red (5YR5/8) & black (N2) mottling
17.40 to 18.50	Loose-medium dense very sandy GRAVEL very pale brown (10YR7/3)
18.50 to 18.60	Soft-firm clayey SILT pale olive (5Y6/3) sandy gravelly
18.60 to 18.90	Firm clayey SILT light grey (N7) with yellowish red (5YR5/8) cross-lamination
18.90 to 19.20	Medium dense very muddy SAND light yellowish brown (2.5Y6/4)

Station BB25 cont.

19.20 to 19.70	Loose-medium dense muddy very sandy GRAVEL yellowish brown (10YR5/6)
19.70 to 21.00	Loose-medium dense muddy very sandy GRAVEL yellowish brown (10YR5/4)
21.00 to 21.90	Medium dense very sandy GRAVEL strong brown (7.5YR4/6)
21.90 to 22.00	Medium dense very sandy GRAVEL strong brown (7.5YR5/6)
22.00 to 23.50	Soft sandy gravelly SILT dark brown (7.5YR4/3) with abundant chalk pebbles below 22.5
23.50 to 24.50	Dense very muddy GRAVEL light yellowish brown (2.5Y6/4)
24.50 to 25.50	Soft putty CHALK white (N8) with black (N2) flint nodules

Station BB26

Grid Reference 95110 83870

Elevation 51.45

0.00 to 0.20	TOPSOIL yellowish brown (10YR5/4) dry powdery silt
0.20 to 0.60	Firm SILT reddish yellow (7.5YR6/6)
0.60 to 0.70	Firm-stiff clayey SILT strong brown (7.5YR5/6) gravelly
0.70 to 1.00	Dense very muddy very sandy GRAVEL strong brown (7.5YR5/8)
1.00 to 1.60	Very dense very muddy very sandy GRAVEL yellowish red (5YR5/8)
1.60 to 2.00	Medium dense-dense muddy SAND yellowish red (5YR5/8) slightly gravelly
2.00 to 2.20	Medium dense-dense very muddy SAND light grey (N7) with strong brown (7.5YR5/8) mottling
2.20 to 2.60	Medium dense-dense muddy SAND strong brown (7.5YR5/8) slightly gravelly with light grey (5Y7/2) mottling
2.60 to 4.50	Medium dense-dense muddy very sandy GRAVEL yellowish red (5YR5/8)
4.50 to 5.50	Firm-stiff CLAY grey (N6) brownish yellow (10YR5/8) mottled
5.50 to 5.70	Firm CLAY grey (N6)
5.70 to 6.30	Firm-stiff CLAY black (N2) becoming red (10R4/8) mottled at 6.1
6.30 to 6.80	Firm-stiff silty CLAY pale brown (10YR6/3) reddish yellow (7.5YR6/6) mottled
6.80 to 7.20	Firm-stiff silty CLAY strong brown (7.5YR5/8) very gravelly
7.20 to 7.50	Soft-firm putty CHALK white (N8) with yellow discolouration and black flint nodules

Station BB27

Grid Reference 95111 83996

Elevation 52.58

0.00 to 0.20	TOPSOIL light yellowish brown (10YR6/4) dry powdery stony silt
0.20 to 0.80	Stiff clayey SILT light yellowish brown (10YR6/4) with some gravel and light grey (10YR7/2) & strong brown (7.5YR5/8) mottling
0.80 to 1.20	Stiff clayey SILT pale brown (10YR6/3) with some gravel and strong brown (7.5YR5/8) mottling
1.20 to 1.50	Stiff clayey SILT strong brown (7.5YR5/8) gravelly and light brownish grey (10YR6/2) mottled
1.50 to 2.50	Firm-stiff clayey SILT strong brown (7.5YR5/8) sandy with some gravel and grey (N6) mottling
2.50 to 3.30	Firm clayey SILT strong brown (7.5YR5/8) with slight light grey (N7) mottling
3.30 to 4.00	Soft-firm clayey SILT strong brown (7.5YR5/8) very sandy gravelly
4.00 to 4.40	Dense muddy very sandy GRAVEL strong brown (7.5YR5/6)
4.40 to 5.50	Stiff CLAY dark greyish brown (2.5Y4/2) becoming dark grey (5Y4/1) at 5.0
5.50 to 6.00	Firm-stiff CLAY dark grey (N4)
6.00 to 6.30	Stiff CLAY dark grey (N4) yellowish brown (10YR5/8) mottled
6.30 to 6.90	Stiff CLAY dark grey (N4) greyish brown (2.5Y5/2) mottled
6.90 to 7.20	Firm-stiff clayey SILT light grey (N7) yellow (10YR7/8) and red (10R4/6) mottled
7.20 to 7.60	Firm-stiff clayey SILT pale olive (5Y6/3) brownish yellow (10YR6/8) with some red (10R4/8) mottling & black flint
7.60 to 7.70	Soft putty CHALK white (N8)

Station BB29

Grid Reference 94937 84339

Elevation 55.31

0.00 to 0.90	TOPSOIL dark grey (N4) humic stony loam
0.90 to 1.30	Medium dense muddy sandy GRAVEL yellowish brown (10YR5/4)
1.30 to 3.00	Very soft clayey SILT dark grey (N4) with some gravel
3.00 to 4.00	Soft clayey SILT light bluish grey (5B7/1) with some gravel
4.00 to 4.80	Soft clayey SILT yellowish brown (10YR5/4) with gravel
4.80 to 6.00	Very soft sandy SILT olive grey (5Y5/2)
6.00 to 8.30	Soft gravelly MUD dark greyish brown (2.5Y4/2)
8.30 to 10.20	Soft-firm silty CLAY olive grey (5Y5/2) light olive brown (2.5Y5/4) mottled
10.20 to 10.90	Soft clayey SILT olive grey (5Y5/2) light olive brown (2.5Y5/4) mottled with some gravel

Station BB30

Grid Reference 94970 84474

Elevation 58.29

0.00 to 0.60	TOPSOIL dark reddish brown (5YR3/2) peaty
0.60 to 1.20	Very soft sandy SILT dark greyish brown (2.5Y4/2)
1.20 to 2.30	Soft gravelly SILT light yellowish brown (2.5Y6/4)
2.30 to 2.60	Soft sandy SILT olive (5Y5/4)
2.60 to 3.60	Soft SILT olive grey (5Y5/2) becoming olive (5Y5/4) at 3.0
3.60 to 6.10	Firm-stiff CLAY dark grey (N4)
6.10 to 6.30	Firm-stiff silty CLAY red (2.5YR5/8) grey (N3) mottled
6.30 to 7.10	Firm-stiff clayey SILT yellow (10YR7/6) light grey (10YR7/1) mottled with light red (10R6/6) mottling below 6.8
7.10 to 7.40	Medium dense very muddy SAND dark red (10R3/6) pale olive (5Y6/4) mottled
7.40 to 7.60	Firm-stiff sandy SILT strong brown (7.5YR5/8) with dark red (10R3/6) and green mottling
7.60 to 8.10	Dense muddy GRAVEL strong brown (7.5YR5/8) with dark red (10R3/6) and green mottling
8.10 to 8.50	Soft putty CHALK white (N8) with flint nodules

Station BB31

Grid Reference 95274 84706

Elevation 73.24

0.00 to 0.70	TOPSOIL dark reddish brown (5YR3/2) humic loam
0.70 to 0.80	Soft sandy SILT dark reddish brown (5YR3/2) gravelly with yellowish red (5YR5/8) mottling
0.80 to 1.00	Medium dense muddy gravelly SAND yellowish red (5YR5/8) light grey (10YR7/2) mottled
1.00 to 1.40	Dense muddy very sandy GRAVEL yellowish red (5YR5/8) light grey (10YR7/2) mottled
1.40 to 1.60	Dense muddy gravelly SAND pale olive (5Y6/3)
1.60 to 2.20	Dense gravelly SAND brownish yellow (10YR6/6)
2.20 to 3.20	Very dense GRAVEL/SAND reddish yellow (7.5YR6/6)
3.20 to 4.20	Very dense very sandy GRAVEL yellowish red (5YR5/8)
4.20 to 4.30	Soft-firm silty CLAY yellowish red (5YR5/8)
4.30 to 4.60	Soft clayey SILT light brown (7.5YR6/4) strong brown (7.5YR5/8) mottled
4.60 to 5.40	Very soft SILT black (N2)
5.40 to 6.20	Firm silty CLAY light bluish grey (5B7/1)

Station BB32

Grid Reference 95491 84676

Elevation 74.55

0.00 to 0.60	TOPSOIL very dark greyish brown(10YR3/2)
0.60 to 4.00	Dense sandy GRAVEL strong brown (7.5YR5/8)
4.00 to 4.60	Dense muddy very sandy GRAVEL strong brown (7.5YR5/8)
4.60 to 5.00	Firm silty CLAY reddish brown (5YR4/3)
5.00 to 5.90	Soft clayey SILT grey (N6)
5.90 to 6.30	Firm clayey SILT grey (N6)

BURNHAM BEECHES

Lithologies

Station BB34

Grid Reference 95536 84296

Elevation 72.34

0.00 to 1.00	TOPSOIL pinkish grey (5YR7/2) stony silt loam
1.00 to 1.90	Loose muddy SAND strong brown (7.5YR5/8) with light grey (N7) clayey silt laminae, becoming (5YR5/8) with depth
1.90 to 2.30	Loose very muddy SAND strong brown (7.5YR5/8) with yellowish red (5YR5/8) lamination
2.30 to 2.60	Firm clayey SILT light grey (N7) with sand and gravel
2.60 to 3.00	Very dense very sandy GRAVEL strong brown (7.5YR5/6)
3.00 to 4.00	Firm CLAY light grey (N7) strong brown (7.5YR5/8) mottled
4.00 to 4.40	Firm-stiff CLAY dark grey (N4)
4.40 to 5.10	Firm CLAY dark grey (N4)
5.10 to 6.20	Soft-firm silty CLAY dark grey (N4) sandy
6.20 to 6.30	Soft-firm SILT dark grey (N4) dry
6.30 to 6.60	Firm clayey SILT dark grey (N4) with shelly material
6.60 to 7.00	Soft SILT dark grey (N4)
7.00 to 7.90	Soft SILT dark grey (N4) with shelly material

Station BB35

Grid Reference 95536 84135

Elevation 61.70

0.00 to 0.60	TOPSOIL pale brown (10YR6/3) dry friable silt loam
0.60 to 1.20	Firm-stiff clayey SILT pale brown (10YR6/3) gravelly with strong brown (7.5YR5/8) mottling
1.20 to 1.50	Dense muddy very sandy GRAVEL pale brown (10YR6/3)
1.50 to 1.90	Firm-stiff gravelly CLAY yellowish red (5YR5/8) becoming brown (7.5YR5/4) towards base
1.90 to 2.50	Firm-stiff silty CLAY strong brown (7.5YR5/8) fissured with some gravel and some light grey (N7) mottling
2.50 to 3.20	Firm clayey SILT yellowish brown (10YR5/4) sandy gravelly and laminated
3.20 to 4.00	Firm clayey SILT light grey (N7) sandy and laminated with some strong brown (7.5YR5/8) mottling
4.00 to 4.20	Firm clayey SILT light grey (N7) sandy gravelly and laminated with some yellowish red (5YR5/8) mottling
4.20 to 4.40	Firm clayey SILT light grey (N7) very sandy very gravelly with some yellowish (5YR5/8) mottling
4.40 to 4.60	Firm clayey SILT yellowish red (5YR5/8) very sandy very gravelly with some light grey (N7) mottling
4.60 to 5.20	Firm clayey SILT black (N2) very sandy very gravelly with yellowish red (5YR5/8) and (N7) mottling
5.20 to 5.50	Soft-firm clayey SILT light grey (N7) very sandy very gravelly with some yellowish red (5YR5/8) mottling
5.50 to 6.10	Medium dense muddy GRAVEL/SAND pale yellow (2.5Y7/4) becoming more muddy below 5.7
6.10 to 6.50	Firm sandy SILT pale yellow (2.5Y7/4) with some yellowish red (5YR5/8) mottling
6.50 to 6.80	Medium dense gravelly SAND pale yellow (2.5Y7/4)
6.80 to 7.10	Soft-firm SILT light yellowish brown (2.5Y6/4) with some red (2.5YR4/8) and black (N2) mottling
7.10 to 7.70	Loose-medium dense SAND pale yellow (2.5Y7/4)
7.70 to 7.80	Soft-firm SILT light yellowish brown (2.5Y6/4)
7.80 to 7.90	Loose-medium dense muddy SAND light brown (7.5YR6/4) with black (N2) laminae at base
7.90 to 8.00	Soft-firm SILT light grey (N7) with yellowish red (5YR5/8) sand laminae at base
8.00 to 8.20	Soft-firm silty CLAY light brown (7.5YR6/4) and interlaminated light grey (5Y7/2) sandy silt and some (5YR5/8) sand
8.20 to 8.50	Loose-medium dense SAND pale yellow (2.5Y7/4) with soft-firm strong brown (7.5YR5/8) clayey silt laminae at base
8.50 to 8.80	Loose-medium dense SAND light yellowish brown (10YR6/4)
8.80 to 8.90	Soft-firm silty CLAY light brown (7.5YR6/4) with some black (N2) and yellowish red (5YR5/8) laminae

Station BB35 cont.

8.90 to 10.10	Loose-medium dense SAND strong brown (7.5YR5/6)
10.10 to 10.40	Medium dense very gravelly SAND reddish yellow (7.5YR6/6)
10.40 to 11.00	Firm SILT light yellowish brown (10YR6/4) laminated
11.00 to 11.40	Firm silty CLAY strong brown (7.5YR5/6) grey (N6) mottled
11.40 to 12.00	Firm-stiff CLAY dark grey (N4) with some slight black (N2) mottling
12.00 to 13.80	Stiff CLAY dark grey (N4)
13.80 to 14.10	Stiff CLAY light yellowish brown (2.5Y6/4) dark grey (N4) mottled with occasional flint pebbles
14.10 to 14.30	Stiff CLAY light yellowish brown (2.5Y6/4) grey (N6) mottled
14.30 to 14.60	Stiff CLAY yellowish brown (10YR5/6) grey (10YR5/1) mottled with occasional flint pebbles
14.60 to 14.80	Stiff silty CLAY yellowish brown (10YR5/6) grey (10YR6/1) and red (10R3/6) mottled
14.80 to 15.00	Stiff CLAY yellowish brown (10YR5/6) light grey (2.5Y7/2) and red (10R3/6) mottled
15.00 to 15.20	Dense very muddy GRAVEL yellowish brown (10YR5/6) light grey (2.5Y7/2) and red (10R3/6) mottled
15.20 to 15.40	Stiff gravelly CLAY yellowish brown (10YR5/6) light grey (2.5Y7/2) and red (10R3/6) mottled
15.40 to 16.60	Very soft-soft putty CHALK white (N8)

Station BB36

Grid Reference 95334 84100

Elevation 58.23

0.00 to 0.60	TOPSOIL light yellowish brown (10YR6/4) dry powdery silt becoming very pale brown (10YR7/4) and stony at 0.2
0.60 to 0.80	Firm gravelly SILT very pale brown (10YR7/3) with black (N2) mottling
0.80 to 0.90	Firm clayey SILT very pale brown (10YR7/3) gravelly
0.90 to 1.60	Firm clayey SILT yellowish red (5YR5/6) very gravelly with light grey (5YR7/1) mottling
1.60 to 2.40	Soft-firm clayey SILT red (2.5YR5/8) fissured with light grey (5YR7/1) mottling
2.40 to 2.60	Soft-firm clayey SILT yellowish red (5YR5/6) with light grey (5YR7/1) mottling
2.60 to 3.00	Soft-firm clayey SILT strong brown (7.5YR5/8) sandy slightly gravelly with some light grey (N7) mottling
3.00 to 4.00	Soft-firm clayey SILT strong brown (7.5YR5/6) gravelly with some black (N2) flecks
4.00 to 4.50	Dense very muddy very sandy GRAVEL yellowish red (5YR4/6)
4.50 to 4.80	Dense SAND strong brown (7.5YR5/8) with some light brown (7.5YR6/4) silt laminae
4.80 to 5.30	Dense muddy very gravelly SAND strong brown (7.5YR5/8)
5.30 to 5.60	Dense muddy GRAVEL/SAND strong brown (7.5YR5/6)
5.60 to 6.20	Dense very sandy GRAVEL strong brown (7.5YR5/6) muddy between 5.6-5.9
6.20 to 6.50	Medium dense muddy SAND strong brown (7.5YR5/6)
6.50 to 7.40	Dense GRAVEL/SAND strong brown (7.5YR5/8)
7.40 to 7.60	Dense gravelly SAND strong brown (7.5YR5/8)
7.60 to 8.00	Dense GRAVEL/SAND strong brown (7.5YR5/8)
8.00 to 8.20	Dense very gravelly SAND strong brown (7.5YR5/8)
8.20 to 8.40	Medium dense SAND strong brown (7.5YR5/8) slightly gravelly
8.40 to 8.90	Medium dense muddy SAND strong brown (7.5YR5/8)
8.90 to 9.30	Firm clayey SILT pale brown (10YR6/3) fissured becoming reddish brown (5YR5/3) at 9.0 and (2.5Y5/2) at 9.2
9.30 to 10.00	Firm-stiff CLAY dark grey (N4)

Station BB37

Grid Reference 95161 83720

Elevation 51.72

0.00 to 0.60	TOPSOIL pinkish grey (5YR7/2) dry powdery stony silt becoming very pale brown (10YR7/3) at 0.3
0.60 to 0.80	Loose-medium dense muddy sandy GRAVEL light yellowish brown (10YR6/4)
0.80 to 0.90	Dense very muddy GRAVEL/SAND yellowish red (5YR5/8)
0.90 to 1.20	Dense muddy SAND strong brown (7.5YR5/8) slightly gravelly with some light grey (10YR7/1) laminae
1.20 to 1.40	Dense SAND yellowish brown (10YR5/8) with brownish red (5YR5/8) and light brownish grey (2.5Y6/2) laminae
1.40 to 1.60	Dense SAND yellowish brown (10YR5/6) with reddish brown (5YR5/4) laminae and some gravel
1.60 to 1.70	Dense muddy GRAVEL/SAND strong brown (7.5YR5/6)
1.70 to 2.80	Dense GRAVEL/SAND brownish yellow (10YR6/6) becoming reddish yellow (7.5YR5/6) at 2.5
2.80 to 3.00	Soft sandy SILT dark grey (N4) with interlaminated silty sand
3.00 to 3.50	Dense GRAVEL/SAND brownish yellow (10YR6/8)
3.50 to 3.80	Dense muddy GRAVEL/SAND brownish yellow (10YR6/6)
3.80 to 4.00	Medium dense very gravelly SAND yellowish brown (10YR5/6) becoming muddy at 3.9
4.00 to 4.02	Soft-firm SILT very pale brown (10YR7/3) laminated
4.02 to 4.10	Loose-medium dense gravelly SAND yellowish brown (10YR5/4)
4.10 to 4.40	Loose-medium dense muddy very sandy GRAVEL brownish yellow (10YR6/6) becoming yellowish (10YR5/4) at 4.35
4.40 to 4.70	Firm gravelly CLAY dark brown (7.5YR4/3) yellowish red (5YR5/8) at top
4.70 to 5.40	Loose-medium dense very muddy very sandy GRAVEL yellowish brown (10YR5/6)
5.40 to 6.10	Stiff CLAY dark grey (N4)
6.10 to 6.80	Stiff CLAY dark grey (N4) with red (10R4/6) and some slight strong brown (7.5YR5/6) mottling
6.80 to 7.30	Stiff silty CLAY strong brown (7.5YR5/8) light grey (N7) mottled
7.30 to 7.70	Firm-stiff silty CLAY light bluish grey (5B7/1) sandy with reddish yellow (7.5YR6/8) and some red (2.5YR4/8) mottling
7.70 to 7.90	Firm clayey SILT olive (5Y5/4) sandy and yellowish red (5YR5/8) mottled with some flint nodules
7.90 to 8.00	Firm CLAY pale olive (5Y6/3) with strong brown (7.5YR5/8) mottling
8.00 to 8.10	Firm gravelly CLAY olive (5Y5/4) sandy and silty
8.10 to 8.70	Soft putty CHALK white (N8)

Station BB38

Grid Reference 94978 84200

0.00 to 0.30	TOPSOIL light yellowish brown (10YR6/4) dry powdery stony silt
0.30 to 1.20	Firm SILT yellowish brown (10YR5/6)
1.20 to 2.90	Firm SILT light yellowish brown (10YR6/4) friable fissured with some gravel between 2.3-2.9
2.90 to 3.40	Loose very muddy very sandy GRAVEL light yellowish brown (10YR6/4)
3.40 to 3.50	Firm clayey SILT strong brown (7.5YR5/8) sandy
3.50 to 3.60	Firm clayey SILT strong brown (7.5YR5/6) sandy very gravelly
3.60 to 5.50	Firm clayey SILT brownish yellow (10YR6/6) fissured
5.50 to 6.20	Soft-firm clayey SILT light yellowish brown (10YR6/4) becoming slightly gravelly at 6.1
6.20 to 7.90	Soft clayey SILT very pale brown (10YR7/3) with some gravel and some strong brown (7.5YR5/8) mottling
7.90 to 9.50	Soft clayey SILT light brown (7.5YR6/4) gravelly with red (2.5YR4/8) and black (N2) mottling very gravelly 8.6-9.5
9.50 to 10.00	Soft clayey SILT pale brown (10YR6/3) sandy gravelly with some strong brown (7.5YR5/8) mottling
10.00 to 10.20	Soft clayey SILT strong brown (7.5YR4/6) very gravelly
10.20 to 11.20	Soft clayey SILT strong brown (7.5YR5/8) with strong brown (7.5YR5/8) and some red (2.5YR4/8) mottling
11.20 to 11.40	Soft clayey SILT strong brown (7.5YR5/8) with some greyish yellow green (5GY7/2) and red (10R4/6) mottling
11.40 to 12.10	Loose muddy sandy GRAVEL dark reddish brown (5YR3/2)
12.10 to 12.30	Soft clayey SILT light yellowish brown (2.5Y6/4) gravelly with some strong brown (7.5YR5/6) and black (N2) mottling
12.30 to 13.00	Soft putty CHALK white (N8)

Station BB39

Grid Reference 94789 83740

Elevation 51.21

0.00 to 0.40	TOPSOIL yellowish brown (10YR5/4) dry powdery stony silt becoming yellowish brown (10YR5/4) at 0.2
0.40 to 1.00	Stiff clayey SILT strong brown (7.5YR5/6) very gravelly
1.00 to 1.40	Stiff sandy SILT yellowish red (5YR5/8) with pale yellow (2.5Y7/4) mottling
1.40 to 1.60	Dense muddy very sandy GRAVEL strong brown (7.5YR5/8)
1.60 to 2.30	Dense muddy GRAVEL/SAND strong brown (7.5YR5/8) yellowish red (5YR5/8) mottled
2.30 to 2.40	Stiff clayey SILT light yellowish brown (10YR6/4) very gravelly with yellowish red (5YR5/8) mottling
2.40 to 2.60	Dense very gravelly SAND reddish yellow (7.5YR6/6)
2.60 to 3.00	Dense gravelly SAND reddish yellow (7.5YR6/6)
3.00 to 3.30	Very dense very sandy GRAVEL strong brown (7.5YR5/8)
3.30 to 4.80	Very dense muddy very sandy GRAVEL reddish yellow (7.5YR6/6) becoming reddish yellow (7.5YR6/8) at 4.0
4.80 to 6.60	Firm clayey SILT grey (N6) with yellowish brown (10YR5/8) mottling, more mottled and sandy below 5.5
6.60 to 6.80	Firm sandy SILT grey (N6) with strong brown (7.5YR5/8) mottling becoming greyish yellow green (5GY7/2)
6.80 to 7.30	Firm sandy SILT dark red (10R3/6) greyish yellow green (5GY7/2) mottled with some (7.5YR5/8) mottling
7.30 to 7.50	Firm sandy SILT olive grey (5Y5/2)
7.50 to 7.80	Firm sandy SILT olive grey (5Y5/2) gravelly and olive brown (2.5Y4/4) mottled with putty chalk
7.80 to 9.00	Soft putty CHALK white (N8)

Station BB40

Grid Reference 95239 84126

Elevation 58.28

0.00 to 0.50	TOPSOIL strong brown (7.5YR4/6) dry friable silt loam becoming yellowish red (5YR4/6) and gravelly below 0.2
0.50 to 0.70	Firm gravelly SILT brownish yellow (10YR6/6)
0.70 to 1.00	Firm clayey SILT very pale brown (10YR7/3) sandy with some gravel
1.00 to 2.40	Stiff silty CLAY red (2.5YR5/8) with very pale brown (10YR7/3) mottling, occasional pebbles below 1.2
2.40 to 2.60	Firm clayey SILT yellowish red (5YR5/8) with some gravel
2.60 to 3.00	Stiff clayey SILT red (2.5YR4/6)
3.00 to 3.50	Firm sandy SILT yellowish red (5YR5/8) with some gravel
3.50 to 4.10	Soft-firm sandy SILT yellowish red (5YR5/8) with occasional pebbles
4.10 to 4.60	Firm sandy SILT strong brown (7.5YR5/8)
4.60 to 4.90	Medium dense very muddy SAND strong brown (7.5YR5/8) with some gravel
4.90 to 5.30	Loose-medium dense muddy SAND strong brown (7.5YR5/8) with some gravel
5.30 to 5.50	Firm sandy SILT light yellowish brown (10YR6/4) with strong brown (7.5YR5/8) mottling
5.50 to 6.20	Loose-medium dense very muddy gravelly SAND reddish yellow (7.5YR6/8) with occasional cobbles
6.20 to 7.80	Medium dense SAND reddish yellow (7.5YR6/6)
7.80 to 8.20	Soft-firm silty CLAY light yellowish brown (10YR6/4)
8.20 to 8.80	Firm CLAY strong brown (7.5YR5/6)

Station BB41

Grid Reference 95200 84375

Elevation 70.58

0.00 to 0.90	TOPSOIL very dark greyish brown (10YR3/2) stony loam
0.90 to 1.00	Dense very muddy GRAVEL light grey (N7) with reddish yellow (7.5YR6/8) mottling
1.00 to 1.10	Dense muddy sandy GRAVEL reddish yellow (7.5YR6/8) with light grey (5Y7/1) mottling
1.10 to 2.00	Dense very sandy GRAVEL yellowish red (5YR5/8)
2.00 to 2.30	Stiff silty CLAY yellowish red (5YR5/8) becoming light grey (5Y7/2) and sandy with depth
2.30 to 3.00	Firm clayey SILT light grey (N7) sandy and yellowish red (5YR5/8) mottled
3.00 to 3.80	Soft sandy SILT pinkish grey (5YR7/2) with light grey (N7) laminated sandy partings
3.80 to 4.50	Very soft SILT strong brown (7.5YR5/6)
4.50 to 5.10	Very soft sandy SILT strong brown (7.5YR5/6)
5.10 to 5.20	Stiff silty CLAY light bluish grey (5B7/1) yellowish brown (10YR5/8) mottled
5.20 to 6.80	Stiff clayey SILT light bluish grey (5B7/1) yellowish brown (10YR5/8) mottled
6.80 to 7.00	Firm SILT light grey (N7)
7.00 to 8.70	Stiff CLAY strong brown (7.5YR4/6) with some light bluish grey (5B7/1) mottling between 7.0-7.7
8.70 to 9.00	Stiff silty CLAY yellowish red (5YR4/6) with slight light bluish grey (5B7/1) mottling
9.00 to 9.20	Firm-stiff clayey SILT light yellowish brown (2.5Y6/4) strong brown (7.5YR5/8) mottled
9.20 to 10.50	Stiff CLAY yellowish red (5YR4/6) with some light grey (5Y7/2) mottling
10.50 to 10.70	Stiff CLAY red (2.5YR4/6)
10.70 to 11.50	Loose SAND strong brown (7.5YR5/8)

Station BB42A

Grid Reference 94994 84482

Elevation 61.99

0.00 to 0.30	TOPSOIL dark grey (N4) stony, humic loam
0.30 to 0.70	Firm clayey SILT pale yellow (2.5Y7/4) strong brown (7.5YR5/8) mottled, becoming gravelly with depth
0.70 to 1.90	Dense muddy very gravelly SAND brownish yellow (10YR6/6) becoming clean and light yellowish brown (10YR6/4) below 1.2
1.90 to 2.10	Dense gravelly SAND yellow (10YR7/6)
2.10 to 2.30	Dense muddy SAND light yellowish brown (2.5Y6/4) yellowish red (5YR5/8) mottled
2.30 to 3.80	Dense GRAVEL/SAND brownish yellow (10YR6/6)
3.80 to 5.10	Dense very gravelly SAND light yellowish brown (2.5Y6/4)
5.10 to 5.30	Firm-stiff CLAY yellowish red (5YR4/6) with light grey (5Y6/1) laminae. Laminae becoming silty with depth
5.30 to 5.40	Soft SILT pale brown (10YR6/3)
5.40 to 5.70	Soft sandy SILT pale brown (10YR6/3)
5.70 to 8.50	Loose muddy SAND brownish yellow (10YR6/6)
8.50 to 8.60	Soft-firm sandy CLAY strong brown (7.5YR5/8)
8.60 to 9.00	Firm CLAY brown (7.5YR5/3)
9.00 to 10.30	Stiff CLAY dark grey (N4) becoming grey (5Y5/1) at 9.3 and with red (10R4/8) mottling at 9.6
10.30 to 10.40	Stiff silty CLAY grey (N6) brownish yellow (10YR6/8) with some red (10R4/8) mottled
10.40 to 10.70	Stiff silty CLAY light grey (N7) yellow (10YR7/7) mottled and sandy
10.70 to 11.20	Stiff clayey SILT pale olive (5Y6/3) brownish yellow (10YR6/8) and red (10R4/8) mottled, sandy with some gravel

BURNHAM BEECHES

Lithologies

Station BB43A

Grid Reference 95320 84175

Elevation 62.78

0.00 to 1.10	TOPSOIL grey (N6) dry friable stony silt loam
1.10 to 1.40	Stiff silty CLAY strong brown (7.5YR5/8) gravelly and light grey (N7) mottled
1.40 to 3.00	Stiff CLAY red (2.5YR4/6) with some pale olive (5Y6/3) mottling
3.00 to 3.90	Stiff clayey SILT strong brown (7.5YR5/8)
3.90 to 5.00	Soft-firm SILT strong brown (7.5YR5/8)
5.00 to 5.30	Loose muddy SAND reddish yellow (7.5YR6/6)
5.30 to 6.00	Loose very muddy SAND reddish yellow (5YR6/6)
6.00 to 6.20	Soft SILT reddish yellow (5YR6/6) with interlaminated pale yellow (5Y7/3) very muddy sand
6.20 to 6.70	Loose very muddy SAND reddish yellow (5YR6/6)
6.70 to 7.90	Loose muddy SAND reddish yellow (5YR6/6) with interlaminated light grey (2.5Y7/2) sandy silt
7.90 to 8.10	Soft SILT reddish yellow (5YR6/6) with some interlaminated light grey (2.5Y7/2) muddy sand
8.10 to 9.00	Loose muddy SAND reddish yellow (5YR6/6)
9.00 to 9.20	Stiff CLAY yellowish red (5YR4/6) with red (10R4/8) and black (N2) flecks
9.20 to 9.40	Stiff sandy CLAY reddish brown (5YR4/3)
9.40 to 9.60	Firm sandy CLAY dark brown (7.5YR4/3)
9.60 to 10.20	Soft-firm sandy CLAY strong brown (7.5YR5/6)
10.20 to 10.60	Stiff CLAY dark red (10R3/6) with some light grey (N7) mottling
10.60 to 10.90	Soft SILT yellowish brown (10YR5/8) with interlaminated brownish yellow (10YR6/6) muddy sand
10.90 to 11.40	Loose-medium dense very muddy SAND light yellowish brown (10YR6/4)

Station BB44

Grid Reference 95367 84326

Elevation 72.15

0.00 to 0.50	TOPSOIL dark brown (7.5YR4/3) very stony silt loam
0.50 to 1.50	Very dense very sandy GRAVEL strong brown (7.5YR5/6)
1.50 to 3.30	Very dense very sandy GRAVEL strong brown (7.5YR5/8) with some cobbles between 2.5-3.3
3.30 to 3.60	Firm silty CLAY yellowish red (5YR5/8) with reddish yellow (7.5YR5/8) red (2.5YR5/8) and some black (N2) mottling
3.60 to 4.90	Stiff CLAY dark grey (N4)
4.90 to 5.10	Stiff clayey SILT dark grey (N4) sandy
5.10 to 5.50	Soft-firm clayey SILT dark grey (N4) sandy
5.50 to 6.80	Firm-stiff SILT grey (N6) with shelly and lignitic material and some pyritized nodules
6.80 to 9.10	Soft SILT dark grey (N4)
9.10 to 9.60	Firm clayey SILT light bluish grey (5B7/1)
9.60 to 9.80	Stiff SILT light bluish grey (5B7/1)
9.80 to 10.10	Very stiff SILT light bluish grey (5B7/1) with light yellowish brown (2.5Y6/4) mottling
10.10 to 10.50	Very stiff silty CLAY light bluish grey (5B7/1) brownish yellow (10YR6/6) and pale red purple (5RP6/2) mottling 10.1-10.3
10.50 to 12.80	Very stiff CLAY reddish brown (5YR4/3) greenish grey (5G6/1) mottled
12.80 to 13.10	Very stiff CLAY reddish brown (5YR4/3) with some slight pinkish white (5YR8/2) and pale blue (5B6/2) mottling
13.10 to 13.50	Stiff silty CLAY brown (7.5YR5/3) with pale blue (5B6/2) mottling
13.50 to 14.00	Stiff CLAY reddish brown (5YR4/3) with some slight pale blue (5B6/2) and pinkish white (5YR8/2) mottling
14.00 to 14.20	Stiff silty CLAY pale brown (10YR6/3) with slight light grey (N7) mottling
14.20 to 14.30	Firm SILT pale brown (10YR6/3) brownish yellow (10YR6/6) mottled
14.30 to 14.90	Firm-stiff clayey SILT strong brown (7.5YR5/6) with slight light bluish grey (5B7/1) mottling
14.90 to 15.20	Stiff CLAY red (2.5YR4/6)
15.20 to 15.40	Firm-stiff clayey SILT strong brown (7.5YR5/6) with slight light bluish grey (5B7/1) mottling
15.40 to 15.90	Medium dense muddy SAND reddish yellow (7.5YR6/6)
15.90 to 16.10	Medium dense very muddy SAND reddish yellow (7.5YR6/6)
16.10 to 17.00	Firm-stiff clayey SILT reddish yellow (7.5YR6/6) sandy
17.00 to 17.10	SANDSTONE dark reddish brown (5YR3/2)
17.10 to 17.80	Soft-firm clayey SILT strong brown (7.5YR5/6) with slight grey (N7) mottling
17.80 to 18.30	Stiff CLAY red (2.5YR4/6) with slight light bluish grey (5B7/1) mottling

Station BB44 cont.

18.30 to 18.60	Soft SILT reddish yellow (5YR6/6)
18.60 to 19.20	Soft-firm SILT light yellowish brown (2.5Y6/4) with slight light grey (N7) mottling
19.20 to 19.40	Stiff CLAY dark brown (7.5YR4/3) pale blue (5PB7/2) becoming reddish brown (2.5YR4/4) at 19.3
19.40 to 19.70	Stiff CLAY very dark greyish brown (10YR3/2) with slight pale blue (5PB7/2) mottling
19.70 to 20.20	Stiff CLAY olive (5Y5/4) with pale blue (5PB7/2) mottling
20.20 to 20.70	Medium dense SAND light yellowish brown (2.5Y6/4)
20.70 to 20.80	Stiff silty CLAY red (2.5YR4/6) light bluish grey (5B7/1) mottled
20.80 to 22.50	Firm-stiff silty CLAY dark grey (N4)
22.50 to 25.30	Very stiff CLAY dark grey (N4)
25.30 to 26.00	Very stiff CLAY grey (N6) with black (N2) mottling
26.00 to 26.30	Very stiff CLAY very dark greyish brown (10YR3/2)
26.30 to 26.60	Very stiff CLAY dark grey (N4) with strong brown (7.5YR5/8) mottling
26.60 to 27.20	Very stiff silty CLAY light grey (N7) brownish yellow (10YR6/8) and dark red (10R3/6) mottled
27.20 to 27.90	Very stiff clayey SILT olive (5Y5/4) sandy and strong brown (7.5YR5/8) mottled
27.90 to 28.10	Stiff gravelly CLAY olive (5Y5/4) strong brown (7.5YR5/8) mottled
28.10 to 28.20	Soft-firm putty CHALK white (N8) with black (N2) flint nodules
28.20 to 30.10	Firm putty CHALK white (N8) with strong brown (7.5YR5/8) discolouration and black (N2) flint below 28.6
30.10 to 37.50	Soft putty CHALK white (N8) with disintegrated chalk fragments
37.50 to 41.30	Soft putty CHALK white (N8) and disintegrated chalk fragments and black (N2) flint nodules
41.30 to 50.00	CHALK white (N8) with black (N2) flint nodules

**Appendix 5 Graphic logs of boreholes drilled
for Corporation during 1990**

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	<p>Very dense very dark grayish brown (10YR3/2) muddy sandy GRAVEL</p> <p>Very dense brownish yellow (10YR6/8) very sandy GRAVEL</p> <p>Dense brownish yellow (10YR6/6) muddy SAND</p> <p>Fine strong brown (7.5YR5/8) clayey SILT</p> <p>Loose reddish yellow (7.5YR6/6) SAND</p> <p>Soft yellowish brown (10YR5/6) SILT</p>				



BURNHAM BEECHES

B821

Grid reference 95127 84246

Elevation 60.30

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
	<p data-bbox="437 483 703 517">TOPSOIL brown (7.5YR5/3)</p> <p data-bbox="277 685 667 734">Fine yellowish red (5YR5/8) clayey SILT</p> <p data-bbox="272 1095 671 1144">Fine strong brown (7.5YR5/8) clayey SILT</p> <p data-bbox="193 1565 671 1592">5.00 Fine strong brown (7.5YR5/8) clayey SILT</p> <p data-bbox="268 1733 671 1783">Fine reddish yellow (7.5YR6/6) very suddy SAND</p> <p data-bbox="293 1805 647 1854">Loose-medium dense strong brown (7.5YR5/8) veryuddy SAND</p> <p data-bbox="280 1877 660 1926">Loose-medium dense reddish yellow (7.5YR6/6) veryuddy SAND</p> <p data-bbox="280 1984 660 2033">Loose-medium dense reddish yellow (7.5YR6/6)uddy SAND</p>				



BURNHAM BEECHES

BB21

Grid reference 95127 84246

Elevation 60.30

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters (mm)		
			0.0		200.0
	<p data-bbox="300 613 683 667">Loose-medium dense reddish yellow (7.5YR5/6) SAND</p> <p data-bbox="293 904 686 958">Fine-stiff strong brown (7.5YR5/6) silty CLAY</p> <p data-bbox="434 1034 721 1066">Stiff dark grey (N4) CLAY</p>				
10.60					

Grid reference 95360 84217

Elevation 65.79

page 1 of 2

Depth = bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL pinkish grey (5YR7/2)				
	Soft light yellowish brown (10YR6/4) gravelly SILT	XXXXXX XXXXXX			
	Stiff light grey (N7) gravelly CLAY				
	Dense yellowish red (5YR5/8) muddy gravelly SAND				
	Very dense strong brown (7.5YR5/8) GRAVEL/SAND				
	Stiff yellowish red (5YR5/8) CLAY				
	Stiff strong brown (7.5YR5/6) gravelly CLAY				
	Dense reddish yellow (7.5YR6/6) muddy very sandy GRAVEL				
5.00					
	Dense strong brown (7.5YR5/6) muddy sandy GRAVEL				
	Stiff brown (7.5YR5/3) silty CLAY				
	Fire-stiff dark grey (N4) CLAY				
	Fire dark grey (N4) CLAY				



BURNHAM BEECHES

8822

Grid reference 95360 84217

Elevation 65.79

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
10.00	Fine dark grey (N4) CLAY		
	Fine dark grey (N4) clayey SILT	XXXXXX	
		XXXXXX	
	Soft dark grey (N4) clayey SILT	XXXXXX	
		XXXXXX	
		XXXXXX	
	Fine dark grey (N4) clayey SILT	XXXXXX	
		XXXXXX	

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 200.0
	TOPSOIL grey (N6)		
	Fine light grey (N7) CLAY		
	Dense strong brown (7.5YR5/8) very suddy sandy GRAVEL		
	Fine-stiff yellowish red (5YR5/8) silty CLAY		
	Fine yellowish red (5YR5/8) clayey SILT		
	Soft-fine pale yellow (2.5Y7/4) clayey SILT		
5.00	Stiff yellowish red (5YR4/6) CLAY		
	Stiff yellowish red (5YR5/6) CLAY		



BURNHAM BEECHES

8823

Grid reference 95410 84191

Elevation 62.98

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0
	Stiff yellowish red (5YR5/6) CLAY		
	Loose reddish yellow (7.5YR6/6) muddy SAND		
	Soft strong brown (7.5YR5/6) sandy SILT		
	Loose yellowish red (5YR5/6) muddy SAND		
10.00	Soft yellowish red (5YR5/6) clayey SILT		
	Fine yellowish red (5YR5/6) CLAY		



BURNHAM BEECHES

BB24

Grid reference 95290 83994

Elevation 51.67

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 200.0
	TOPSOIL (light yellowish brown (10YR6/4))		
	Stiff light brown (7.5YR6/4) clayey SILT	XXXXXX	
	Stiff brown (7.5YR5/3) clayey SILT	XXXXXX	
	Stiff strong brown (7.5YR5/8) clayey SILT	XXXXXX	
	Stiff brown (7.5YR5/3) silty CLAY	XXXXXX	
	Very dense strong brown (7.5YR5/8) suddy very sandy GRAVEL	XXXXXX	
	Very dense strong brown (7.5YR5/8) very suddy very sandy GRAVEL	XXXXXX	
	Very dense strong brown (7.5YR5/8) GRAVEL/SAND	XXXXXX	
5.96	Dense strong brown (7.5YR5/6) suddy very gravelly SAND	XXXXXX	
	Fire-stiff dark grey (N4) CLAY	XXXXXX	
	Fire grey (N6) CLAY	XXXXXX	



BURNHAM BEECHES

BB24

Grid reference 95290 83994

Elevation 51.67

page 2 of 2

Depth ■ bgl	Lithological log	Penetration Rate log (min/■)	Construction diameters (mm) 0.0 200.0
	Fire grey (N6) CLAY		
	Fire black (N2) CLAY		
	Fire grey (N6) silty CLAY		
	Fire strong brown (7.5YR5/8) silty CLAY		
10.00	Dense strong brown (7.5YR5/8) muddy GRAVEL		
	Soft white (N8) putty CHALK		



BURNHAM BEECHES

BB25

Grid reference 94974 83740

Elevation 49.08

page 1 of 4

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
	TOPSOIL yellowish brown (10YR5/4)		
	Fire-stiff strong brown (7.5YR5/6) clayey SILT	XXXXXX	
	Fire strong brown (7.5YR5/6) clayey SILT	XXXXXX	
	Fire light yellowish brown (10YR6/4) clayey SILT	XXXXXX	
	Soft-fire light yellowish brown (10YR6/4) SILT	XXXXXX	
	Soft red (2.5YR4/6) SILT	XXXXXX	
	Soft yellow (10YR7/6) SILT	XXXXXX	
	Soft strong brown (7.5YR5/6) SILT	XXXXXX	
	Fire brown (7.5YR5/3) clayey SILT	XXXXXX	
5.00	Soft-fire light yellowish brown (10YR6/4) clayey SILT	XXXXXX	
	Soft reddish yellow (7.5YR6/6) clayey SILT	XXXXXX	
	Soft-fire light brown (7.5YR6/4) clayey SILT	XXXXXX	
	Soft reddish yellow (7.5YR6/6) sandy SILT	XXXXXX	
	Soft-fire light brown (7.5YR6/4) clayey SILT	XXXXXX	



BURNHAM BEECHES

BB25

Grid reference 94974 83740

Elevation 49.08

page 2 of 4

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0	
10.00	Soft-fine light brown (7.5YR6/4) clayey SILT	XXXXXX		
		XXXXXX		
	Soft pinkish gray (5YR7/2) sandy SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine red (2.5YR4/6) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
	Soft-fine pinkish gray (5YR7/2) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
	Soft dark red (10R3/6) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
	Soft light gray (N7) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Soft light gray (N7) sandy SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine light gray (N7) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine red (2.5YR4/6) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine light gray (N7) clayey SILT	XXXXXX		
		XXXXXX		
	Medium dense strong brown (7.5YR5/8) very silty very sandy GRAVEL	OOOOOO		
		OOOOOO		
	Fine reddish yellow (7.5YR6/8) SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
	Soft-fine light gray (N7) SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine light gray (N7) SILT	XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
		XXXXXX		
	Fine yellowish red (5YR5/8) SILT	XXXXXX		
		XXXXXX		
		XXXXXX		



BURNHAM BEECHES

BB25

Grid reference 94974 83740

Elevation 49.08

page 3 of 4

Depth ■ bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0		
15.00	Fine yellowish red (5YR5/8) SILT	XXXXXX			
	Soft brown (7.5YR5/3) SILT	XXXXXX			
	Soft-fine light brown (7.5YR6/4) SILT	XXXXXX			
	Soft light brown (7.5YR6/4) sandy SILT	XXXXXX			
	Soft reddish yellow (7.5YR6/8) SILT	XXXXXX			
	Fine reddish brown (5YR4/3) clayey SILT	XXXXXX			
	Fine light yellowish brown (10YR6/4) clayey SILT	XXXXXX			
	Soft-fine strong brown (7.5YR5/8) clayey SILT	XXXXXX			
	Medium dense yellowish red (5YR5/8) very muddy sandy GRAVEL	OOOOOO			
	Medium dense light yellowish brown (10YR6/4) very sandy GRAVEL	OOOOOO			
	Loose-medium dense reddish yellow (7.5YR6/6) GRAVEL/SAND	O.O.O.O			
	Fine pale olive (5Y6/3) clayey SILT	XXXXXX			
	Loose-medium dense very pale brown (10YR7/3) very sandy GRAVEL	OOOOOO			
	Fine light grey (N7) clayey SILT	XXXXXX			
	Medium dense light yellowish brown (2.5Y6/4) very muddy SAND	OOOOOO			
20.00	Loose-medium dense yellowish brown (10YR5/6) muddy very sandy GRAVEL	OOOOOO			
	Loose-medium dense yellowish brown (10YR5/4) muddy very sandy GRAVEL	OOOOOO			
	Loose-medium dense yellowish brown (10YR5/4) muddy very sandy GRAVEL	OOOOOO			
	Loose-medium dense yellowish brown (10YR5/4) muddy very sandy GRAVEL	OOOOOO			
	Loose-medium dense yellowish brown (10YR5/4) muddy very sandy GRAVEL	OOOOOO			



BURNHAM BEECHES

BB25

Grid reference 94974 83740

Elevation 49.08

page 4 of 4

Depth a bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0	
	Medium dense strong brown (7.5YR4/6) very sandy GRAVEL			
	Soft dark brown (7.5YR4/3) sandy gravelly SILT			
	Dense light yellowish brown (2.5Y6/4) very muddy GRAVEL			
	25.00 Soft white (N8) putty CHALK			



BURNHAM BEECHES

8826

Grid reference 95110 83870

Elevation 50.55

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL yellowish brown (10YR5/4)				
	Fine reddish yellow (7.5YR6/6) SILT				
	Dense strong brown (7.5YR5/8) very suddy very sandy GRAVEL				
	Very dense yellowish red (5YR5/8) very suddy very sandy GRAVEL				
	Medium dense-dense yellowish red (5YR5/8) suddy SAND				
	Medium dense-dense light grey (N7) very suddy SAND				
	Medium dense-dense strong brown (7.5YR5/8) suddy SAND				
	Medium dense-dense yellowish red (5YR5/8) suddy very sandy GRAVEL				
5.00	Fire-stiff grey (N6) CLAY				
	Fire grey (N6) CLAY				
	Fire-stiff black (N2) CLAY				
	Fire-stiff pale brown (10YR6/8) silty CLAY				
	Fire-stiff strong brown (7.5YR5/8) silty CLAY				



BURNHAM BEECHES

BB26

Grid reference 95110 83870

Elevation 50.55

page 2 of 2

Depth m bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters (mm)
	10.00 Fine-stiff strong brown (7.5YR5/8) silty CLAY Soft-fine white (N8) putty CHALK		0.0 200.0



BURNHAM BEECHES

BB27

Grid reference 95111 83996

Elevation 51.48

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL light yellowish brown (10YR6/4)				
	Stiff light yellowish brown (10YR6/4) clayey SILT				
	Stiff pale brown (10YR6/3) clayey SILT				
	Stiff strong brown (7.5YR5/8) clayey SILT				
	Fire-stiff strong brown (7.5YR5/8) clayey SILT				
	Fire strong brown (7.5YR5/8) clayey SILT				
	Soft-fire strong brown (7.5YR5/8) clayey SILT				
	Dense strong brown (7.5YR5/6) muddy very sandy GRAVEL				
5.00	Stiff dark greyish brown (2.5Y4/2) CLAY				
	Fire-stiff dark grey (N4) CLAY				
	Stiff dark grey (N4) CLAY				
	Stiff dark grey (N4) CLAY				



BURNHAM BEECHES

BB27

Grid reference 95111 83996

Elevation 51.48

page 2 of 2

Depth = bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm)
	Fire-stiff (light grey (N7) clayey SILT	XXXXXX	0.0 200.0
	Fire-stiff pale olive (5Y6/3) clayey SILT	XXXXXX	
	Soft white (N8) putty CHALK	XXXXXX	
10.00			



BURNHAM BEECHES

BB29

Grid reference 94937 84339

Elevation 54.12

page 1 of 2

Depth ■ bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
5.00	TOPSOIL dark grey (N4)	v	0.0	-	-
	Medium dense yellowish brown (10YR5/4) silty sandy GRAVEL				
	Very soft dark grey (N4) clayey SILT				
	Soft light bluish grey (5B7/1) clayey SILT				
	Soft yellowish brown (10YR5/4) clayey SILT				
	Very soft olive grey (5Y5/2) sandy SILT				
	Soft dark greyish brown (2.5Y4/2) gravelly MUD				



BURNHAM BEECHES

BB29

Grid references 94937 84339

Elevation 54.12

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
10.00	<p data-bbox="288 539 667 595">Soft dark greyish brown (2.5Y4/2) gravelly MUD</p> <p data-bbox="284 913 671 965">Soft-fine olive grey (5Y5/2) silty CLAY</p> <p data-bbox="309 1227 703 1261">Soft olive grey (5Y5/2) clayey SILT</p>		

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL dark reddish brown (5YR3/2)				
	Very soft dark greyish brown (2.5Y4/2) sandy SILT				
	Soft light yellowish brown (2.5Y6/4) gravelly SILT				
	Soft olive (5Y5/4) sandy SILT				
	Soft olive grey (5Y5/2) SILT				
5.00	Fire-stiff dark grey (N4) CLAY				
	Fire-stiff red (2.5YR5/8) silty CLAY				
	Fire-stiff yellow (10YR7/6) clayey SILT				

BB30

Grid reference 94970 84474

Elevation 57.42

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters	
			0.0 (mm)	200.0
	Medium dense dark red (18R2/6) very suddy SAND Fine-stiff strong brown (7.5YR5/8) sandy SILT Dense strong brown (7.5YR5/8)uddy GRAVEL Soft white (N8) putty CHALK			
10.00				



BURNHAM BEECHES

BB31


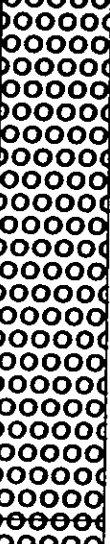
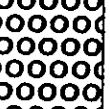

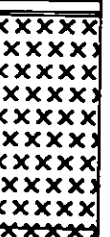

Grid reference 95274 84706

Elevation 72.23

Depth ■ bgl	Lithological log	Penetration Rate Log (min/■)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL dark reddish brown (5YR3/2)				
	Medium dense yellowish red (5YR5/8) suddy gravelly SAND				
	Dense yellowish red (5YR5/8) suddy very sandy GRAVEL				
	Dense pale olive (5Y6/3) suddy gravelly SAND				
	Dense brownish yellow (10YR6/6) gravelly SAND				
	Very dense reddish yellow (7.5YR6/6) GRAVEL/SAND				
	Very dense yellowish red (5YR5/8) very sandy GRAVEL				
	Soft light brown (7.5YR6/4) clayey SILT				
5.00	Very soft black (N2) SILT				
	Fine light bluish grey (5B7/1) silty CLAY				

Grid reference 95491 84676

Elevation 73.75

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	<p>TOPSOIL very dark greyish brown (10YR3/2)</p> 				
	<p>Dense strong brown (7.5YR5/8) sandy GRAVEL</p> 				
	<p>Dense strong brown (7.5YR5/8) muddy very sandy GRAVEL</p> 				
5.00	<p>Fine reddish brown (5YR4/3) silty CLAY</p> 				
	<p>Soft grey (N6) clayey SILT</p> 				
	<p>Fine grey (N6) clayey SILT</p> 				



BURNHAM BEECHES

BB34

Grid reference 95536 84296

Elevation 71.52

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
5.00	TOPSOIL pinkish grey (5YR7/2)				
	Loose strong brown (7.5YR5/8) suddy SAND	V			
	Loose strong brown (7.5YR5/8) very suddy SAND				
	Fine light grey (N7) clayey SILT				
	Very dense strong brown (7.5YR5/6) very sandy GRAVEL				
	Fine light grey (N7) CLAY				
	Fine-stiff dark grey (N4) CLAY				
	Fine dark grey (N4) CLAY				
	Soft-fine dark grey (N4) silty CLAY				
	Soft-fine dark grey (N4) SILT Fine dark grey (N4) clayey SILT Soft dark grey (N4) SILT				

Depth m bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters		
			0.0	(mm)	200.0
	TOPSOIL pale brown (10YR6/3)				
	Fire-stiff pale brown (10YR6/3) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX			
	Dense pale brown (10YR6/3) muddy very sandy GRAVEL	OOOOOO OOOOOO OOOOOO			
	Fire-stiff yellowish red (5YR5/8) gravelly CLAY	 			
	Fire-stiff strong brown (7.5YR5/8) silty CLAY	 			
	Fire yellowish brown (10YR5/4) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX			
	Fire light gray (N7) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX			
	Fire light gray (N7) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX			
	Fire light gray (N7) clayey SILT	XXXXXX XXXXXX XXXXXX			
	Fire yellowish red (5YR5/8) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX			
5.00	Fire black (N2) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX			
	Soft-fire light gray (N7) clayey SILT	XXXXXX XXXXXX			
	Medium dense pale yellow (2.5Y7/4) muddy GRAVEL/SAND	OO.O.O.O OO.O.O.O OO.O.O.O OO.O.O.O OO.O.O.O			
	Fire pale yellow (2.5Y7/4) sandy SILT	XXXXXX XXXXXX XXXXXX			
	Medium dense pale yellow (2.5Y7/4) gravelly SAND			
	Soft-fire light yellowish brown (2.5Y8/4) SILT	XXXXXX XXXXXX			



BURNHAM BEECHES

BB35

Grid reference 95536 84135

Elevation 60.75

page 2 of 3

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0		
10.00	Loose-medium dense pale yellow (2.5Y7/4) SAND				
	Soft-fine light grey (N7) SILT Soft-fine light brown (7.5YR6/4) silty CLAY				
	Loose-medium dense pale yellow (2.5Y7/4) SAND				
	Loose-medium dense light yellowish brown (10YR6/4) SAND				
	Loose-medium dense strong brown (7.5YR5/6) SAND				
	Medium dense reddish yellow (7.5YR6/6) very gravelly SAND				
	Fine light yellowish brown (10YR6/4) SILT				
	Fine strong brown (7.5YR5/6) silty CLAY				
	Fine-stiff dark grey (N4) CLAY				
	Stiff dark grey (N4) CLAY				
	Stiff light yellowish brown (2.5Y6/4) CLAY				



BURNHAM BEECHES

BB35

Grid reference 95536 84135

Elevation 60.75

page 3 of 3

Depth m bgl	Lithological Log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0	
15.00	Stiff light yellowish brown (2.5Y6/4) CLAY			
	Stiff yellowish brown (10YR5/6) CLAY			
	Stiff yellowish brown (10YR5/6) silty CLAY			
	Stiff yellowish brown (10YR5/6) CLAY			
	Dense yellowish brown (10YR5/6) very suddy GRAVEL			
	Stiff yellowish brown (10YR5/6) gravelly CLAY			

20.00



BURNHAM BEECHES

8836

Grid reference 95334 84100

Elevation 57.56

page 1 of 2

Depth m bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0		
5.00	TOPSOIL light yellowish brown (10YR6/4)				
	Fine very pale brown (10YR7/3) gravelly SILT				
	Fine yellowish red (5YR5/6) clayey SILT				
	Soft-fine red (2.5YR5/8) clayey SILT				
	Soft-fine yellowish red (5YR5/6) clayey SILT				
	Soft-fine strong brown (7.5YR5/8) clayey SILT				
	Soft-fine strong brown (7.5YR5/6) clayey SILT				
	Dense yellowish red (5YR4/6) very silty very sandy GRAVEL				
	Dense strong brown (7.5YR5/8) SAND				
	Dense strong brown (7.5YR5/8) silty very gravelly SAND				
	Dense strong brown (7.5YR5/6) silty GRAVEL/SAND				
	Dense strong brown (7.5YR5/6) very sandy GRAVEL				
	Medium dense strong brown (7.5YR5/6) silty SAND				
	Dense strong brown (7.5YR5/8) GRAVEL/SAND				






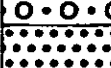


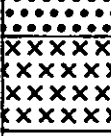

BURNHAM BEECHES

BB36

Grid reference 95334 84100

Elevation 57.56

page 2 of 2

Depth ■ bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0		
10.00	Dense strong brown (7.5YR5/8) GRAVEL/SAND				
	Dense strong brown (7.5YR5/8) gravelly SAND				
	Dense strong brown (7.5YR5/8) GRAVEL/SAND				
	Dense strong brown (7.5YR5/8) very gravelly SAND				
	Medium dense strong brown (7.5YR5/8) SAND				
	Medium dense strong brown (7.5YR5/8) suddy SAND				
	Fine pale brown (10YR6/3) clayey SILT				
	Fine-stiff dark grey (N4) CLAY				



BURNHAM BEECHES

BB37

Grid reference 95161 83720

Elevation 50.92

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
	TOPSOIL pinkish grey (5YR7/2)				
	Loose-medium dense light yellowish brown (10YR6/4) suddy sandy GRAVEL				
	Dense strong brown (7.5YR5/8) suddy SAND				
	Dense yellowish brown (10YR5/8) SAND				
	Dense yellowish brown (10YR5/6) SAND				
	Dense brownish yellow (10YR6/6) GRAVEL/SAND				
	Soft dark grey (N4) sandy SILT				
	Dense brownish yellow (10YR6/8) GRAVEL/SAND				
	Dense brownish yellow (10YR6/6) suddy GRAVEL/SAND				
	Medium dense yellowish brown (10YR5/6) very gravelly SAND				
	Loose-medium dense brownish yellow (10YR6/6) suddy very sandy GRAVEL				
	Fine dark brown (7.5YR4/3) gravelly CLAY				
5.00	Loose-medium dense yellowish brown (10YR5/6) very suddy very sandy GRAVEL				
	Stiff dark grey (N4) CLAY				
	Stiff dark grey (N4) CLAY				
	Stiff strong brown (7.5YR5/8) silty CLAY				



BURNHAM BEECHES

BB37

Grid reference 95161 83720

Elevation 50.92

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0
10.00	<p>Stiff strong brown (7.5YR5/8) silty CLAY</p> <p>Fire-stiff light bluish grey (5B7/1) silty CLAY</p> <p>Fire olive (5Y5/4) clayey SILT Fire pale olive (5Y6/3) CLAY Fire olive (5Y5/4) gravelly CLAY</p> <p>Soft white (N8) putty CHALK</p>		



BURNHAM BEECHES

BB38

Grid reference 94978 84200

Elevation 55.55

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0
	TOPSOIL light yellowish brown (10YR6/4)		
	Fine yellowish brown (10YR5/6) SILT		
	Fine light yellowish brown (10YR6/4) SILT		
	Loose light yellowish brown (10YR6/4) very muddy very sandy GRAVEL		
5.00	Fine brownish yellow (10YR6/6) clayey SILT		
	Soft-fine light yellowish brown (10YR6/4) clayey SILT		
	Soft very pale brown (10YR7/8) clayey SILT		



BURNHAM BEECHES

8838

Grid reference 94978 84200

Elevation 55.55

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0
	Soft very pale brown (10YR7/3) clayey SILT		
	Soft light brown (7.5YR6/4) clayey SILT		
	Soft pale brown (10YR6/3) clayey SILT		
10.00	Soft strong brown (7.5YR4/6) clayey SILT		
	Soft strong brown (7.5YR5/8) clayey SILT		
	Soft strong brown (7.5YR5/8) clayey SILT		
	Loose dark reddish brown (5YR3/2) suddy sandy GRAVEL		
	Soft light yellowish brown (2.5Y6/4) clayey SILT		
	Soft white (N8) putty CHALK		



BURNHAM BEECHES

8839

Grid reference 94789 83740

Elevation 50.42

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0		
5.00	TOPSOIL yellowish brown (10YR5/4)				
	Stiff strong brown (7.5YR5/6) clayey SILT				
	Stiff yellowish red (5YR5/8) sandy SILT				
	Dense strong brown (7.5YR5/8) muddy very sandy GRAVEL				
	Dense strong brown (7.5YR5/8) muddy GRAVEL/SAND				
	Dense reddish yellow (7.5YR6/6) very gravelly SAND				
	Dense reddish yellow (7.5YR6/8) gravelly SAND				
	Very dense strong brown (7.5YR5/8) very sandy GRAVEL				
	Very dense reddish yellow (7.5YR6/6) muddy very sandy GRAVEL				
	Fine grey (N6) clayey SILT				
	Fine grey (N6) sandy SILT				
	Fine dark red (10R3/6) sandy SILT				



BURNHAM BEECHES

BB39

Grid reference 94789 83740

Elevation 50.42

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
	Fire dark red (10R3/6) sandy SILT	XXXXXX	
	Fire olive grey (5Y5/2) sandy SILT	XXXXXX	
	Fire olive grey (5Y5/2) sandy SILT	XXXXXX	
	Soft white (N8) putty CHALK	XXXXXX	
10.00			



BURNHAM BEECHES

BB40

Grid reference 95239 84126

Elevation 57.43

page 1 of 2

Depth ■ bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0	
5.00	TOPSOIL strong brown (7.5YR4/6)			
	Fine brownish yellow (10YR6/6) gravelly SILT	XXXXXX		
	Fine very pale brown (10YR7/3) clayey SILT	XXXXXX		
		XXXXXX		
		XXXXXX		



BURNHAM BEECHES

8840

Grid reference 95299 84126

Elevation 57.43

page 2 of 2

Depth ■ bgl	Lithological log	Penetration Rate log (min/■)	Construction diameters (mm) 0.0 200.0
	Medium dense reddish yellow (7.5YR6/6) SAND		
	Soft-fine light yellowish brown (10YR6/4) silty CLAY		
	Fine strong brown (7.5YR5/6) CLAY		
10.00			



BURNHAM BEECHES

BB41

Grid reference 95200 84375

Elevation 69.55

page 1 of 2

Depth = bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
5.00	TOPSOIL very dark greyish brown (10YR3/2)				
	Dense yellowish red (5YR5/8) very sandy GRAVEL				
	Stiff yellowish red (5YR5/8) silty CLAY				
	Fine light grey (N7) clayey SILT				
	Soft pinkish grey (5YR7/2) sandy SILT				
	Very soft strong brown (7.5YR5/6) SILT				
	Very soft strong brown (7.5YR5/6) sandy SILT				
	Stiff light bluish grey (5B7/1) clayey SILT				
	Fine light grey (N7) SILT				



BURNHAM BEECHES

BB41

Grid reference 95200 84375

Elevation 69.55

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0		
5.00	TOPSOIL very dark greyish brown (10YR3/2)				
	Dense yellowish red (5YR5/8) very sandy GRAVEL				
	Stiff yellowish red (5YR5/8) silty CLAY				
	Fine light grey (N7) clayey SILT				
	Soft pinkish grey (5YR7/2) sandy SILT				
	Very soft strong brown (7.5YR5/6) SILT				
	Very soft strong brown (7.5YR5/6) sandy SILT				
	Stiff light bluish grey (5B7/1) clayey SILT				
	Fine light grey (N7) SILT				



BURNHAM BEECHES

BB42A

Grid reference 94994 84482

Elevation 61.17

page 1 of 2

Depth m bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters (mm) 0.0 200.0		
5.00	TOPSOIL dark grey (N4)				
	Fine pale yellow (2.5Y7/4) clayey SILT	XXXXXX XXXXXX XXXXXX XXXXXX			
	Dense brownish yellow (10YR6/6) muddy very gravelly SAND				
	Dense yellow (10YR7/6) gravelly SAND Dense light yellowish brown (2.5Y6/4) muddy SAND				
	Dense brownish yellow (10YR6/6) GRAVEL/SAND				
	Dense light yellowish brown (2.5Y6/4) very gravelly SAND				
	Fine-stiff yellowish red (5YR4/6) CLAY				
	Soft pale brown (10YR6/3) SILT	XXXXXX			
	Soft pale brown (10YR6/3) sandy SILT	XXXXXX XXXXXX			
	Loose brownish yellow (10YR6/6) muddy SAND				



BURNHAM BEECHES

BB42A

Grid reference 94994 84482

Elevation 61.17

page 2 of 2

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0	
10.00	Loose brownish yellow (10YR6/6) muddy SAND			
	Fine brown (7.5YR5/3) CLAY			
	Stiff dark grey (N4) CLAY			
	Stiff grey (N6) silty CLAY			
	Stiff light grey (N7) silty CLAY			
	Stiff pale olive (5Y6/3) clayey SILT			



BURNHAM BEECHES

BB43A

Grid reference 95320 84175

Elevation 61.80

page 1 of 2

Depth = bgl	Lithological log	Penetration Rate Log (min/m)	Construction diameters 0.0 (mm) 200.0		
	TOPSOIL grey (N6)				
	Stiff strong brown (7.5YR5/8) silty CLAY				
	Stiff red (2.5YR4/6) CLAY				
	Stiff strong brown (7.5YR5/8) clayey SILT				
	Soft-fine strong brown (7.5YR5/8) SILT				
5.00	Loose reddish yellow (7.5YR6/6) silty SAND				
	Loose reddish yellow (5YR6/6) very silty SAND				
	Soft reddish yellow (5YR6/6) SILT				
	Loose reddish yellow (5YR6/6) very silty SAND				
	Loose reddish yellow (5YR6/6) silty SAND				



BURNHAM BEECHES

BB43A

Grid reference 95320 84175

Elevation 61.80

page 2 of 2

Depth in bgl	Lithological log	Penetration Rate log (min/ft)	Construction diameters 0.0 (in) 200.0		
10.00	Loose reddish yellow (5YR6/6) silty SAND				
	Soft reddish yellow (5YR6/6) SILT				
	Loose reddish yellow (5YR6/6) silty SAND				
	Stiff yellowish red (5YR4/6) CLAY				
	Stiff reddish brown (5YR4/3) sandy CLAY				
	Fine dark brown (7.5YR4/3) sandy CLAY				
	Soft-fine strong brown (7.5YR5/6) sandy CLAY				
	Stiff dark red (10R3/6) CLAY				
	Soft yellowish brown (10YR5/8) SILT				
	Loose-medium dense light yellowish brown (10YR6/4) very silty SAND				



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87.

page 1 of 8

Depth = bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 200.0
	TOPSOIL dark brown (7.5YR4/3)		
	Very dense strong brown (7.5YR5/6) very sandy GRAVEL		
	Very dense strong brown (7.5YR5/8) very sandy GRAVEL		
	Fine yellowish red (5YR5/8) silty CLAY		
	Stiff dark grey (N4) CLAY		
5.00	Stiff dark grey (N4) clayey SILT		
	Soft-fine dark grey (N4) clayey SILT		
	Fine-stiff grey (N6) SILT		
	Soft dark grey (N4) SILT		



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87

page 2 of 8

Depth = bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm)
			0.0 200.0
	Soft dark grey (N4) SILT		
	Fine light bluish grey (5B7/1) clayey SILT		
	Stiff light bluish grey (5B7/1) SILT		
10.00	Very stiff light bluish grey (5B7/1) SILT		
	Very stiff light bluish grey (5B7/1) silty CLAY		
	Very stiff reddish brown (5YR4/3) CLAY		
	Very stiff reddish brown (5YR4/3) CLAY		
	Stiff brown (7.5YR5/3) silty CLAY		
	Stiff reddish brown (5YR4/3) CLAY		
	Stiff pale brown (10YR6/3) silty CLAY		



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87

page 3 of 8

Depth a bgl	Lithological Log	Penetration Rate Log (min/m)	Construction diameters Ø.Ø (mm) 2ØØ.Ø
	Stiff pale brown (10YR8/3) silty CLAY Fine pale brown (10YR6/3) SILT	XXXXXX	
		XXXXXX	
	Fire-stiff strong brown (7.5YR5/6) clayey SILT	XXXXXX	
		XXXXXX	
15.86	Stiff red (2.5YR4/6) CLAY		
	Fire-stiff strong brown (7.5YR5/6) clayey SILT	XXXXXX	
		XXXXXX	
	Medium dense reddish yellow (7.5YR6/6) sandy SAND		
	Medium dense reddish yellow (7.5YR6/6) very sandy SAND		
		XXXXXX	
		XXXXXX	
	Fire-stiff reddish yellow (7.5YR6/6) clayey SILT	XXXXXX	
		XXXXXX	
		XXXXXX	
		XXXXXX	
	Soft-fire strong brown (7.5YR5/6) clayey SILT	XXXXXX	
		XXXXXX	
		XXXXXX	
		XXXXXX	
	Stiff red (2.5YR4/6) CLAY		
	Soft reddish yellow (5YR6/6) SILT	XXXXXX	
		XXXXXX	
	Soft-fire light yellowish brown (2.5Y6/4) SILT	XXXXXX	
		XXXXXX	
		XXXXXX	
	Stiff dark brown (7.5YR4/3) CLAY		
	Stiff very dark grayish brown (10YR3/2) CLAY		
20.86	Stiff olive (5Y3/4) CLAY		
	Medium dense light yellowish brown (2.5Y6/4) SAND		
	Stiff red (2.5YR4/6) silty CLAY		
	Fire-stiff dark gray (N4) silty CLAY		



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87

page 4 of 8

Depth ■ bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
	Fire-stiff dark grey (N4) silty CLAY		
	Very stiff dark grey (N4) CLAY		
25.00	Very stiff grey (N6) CLAY		
	Very stiff very dark greyish brown (10YR3/2) CLAY		
	Very stiff dark grey (N4) CLAY		
	Very stiff light grey (N7) silty CLAY		
	Very stiff olive (5Y3/4) clayey SILT		
	Stiff olive (5Y3/4) gravelly CLAY		

Depth • bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters 0.0 (mm) 200.0
30.00	Fire white (N8) putty CHALK		
35.00	Soft white (N8) putty CHALK		



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87

page 6 of 8

Depth m bgl	Lithological log	Penetration Rate log (min/m)	Construction diameters (mm) 0.0 200.0
	Soft white (N8) putty CHALK		
40.00	Soft white (N8) putty CHALK		
	white (N8) CHALK		



BURNHAM BEECHES

BB44

Grid reference 95367 84326

Elevation 71.87

page 7 of 8

Depth ■ bgl	Lithological log	Penetration Rate log (min/ft)	Construction diameters (mm) 200.0
45.00	white (N8) CHALK		



BURNHAM BEECHES

8844

Grid reference 95367 84326

Elevation 71.87

page 8 of 8

Depth ■ bgl	Lithological log	Penetration Rate log (min/ft)	Construction diameters 0.0 (in) 200.0
50.00	white (N8) CHALK		
55.00			

Appendix 6 Water levels

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB10	6 Mar 89		1.160	63.670
	16 Mar 89		0.890	63.940
	23 Mar 89		1.000	63.830
	30 Mar 89		1.200	63.630
	5 Apr 89		0.840	63.990
	10 Apr 89		0.890	63.940
	25 Apr 89		1.220	63.610
	2 May 89		1.220	63.610
	10 May 89		1.320	63.510
	16 May 89		1.390	63.440
	23 May 89		1.450	63.380
	30 May 89		1.410	63.420
	6 Jun 89		1.460	63.370
	13 Jun 89		1.530	63.300
	20 Jun 89		1.650	63.180
	27 Jun 89		1.770	63.060
	4 Jul 89		1.900	62.930
	11 Jul 89		1.920	62.910
	18 Jul 89		2.020	62.810
	15 Dec 89		1.800	63.030
	19 Dec 89		1.010	63.820
	2 Jan 90		1.240	63.590
	9 Jan 90		1.070	63.760
	16 Jan 90		1.180	63.650
	23 Jan 90		1.270	63.560
	30 Jan 90		1.060	63.770
	6 Feb 90		1.040	63.790
	13 Feb 90		1.060	63.770
	20 Feb 90		1.160	63.670
	27 Feb 90		1.080	63.750
	6 Mar 90		1.230	63.600
	13 Mar 90		1.330	63.500
	27 Mar 90		1.360	63.470
	3 Apr 90		1.360	63.470
	10 Apr 90		1.390	63.440
	17 Apr 90		1.400	63.430
	24 Apr 90		1.370	63.460
	1 May 90		1.430	63.400
	8 May 90		1.480	63.350
	15 May 90		1.540	63.290
	22 May 90		1.650	63.180
	29 May 90		1.800	63.030
	5 Jun 90		1.830	63.000
	12 Jun 90		1.860	62.970
	19 Jun 90		1.900	62.930
	26 Jun 90		1.940	62.890
	3 Jul 90		2.000	62.830
	10 Jul 90		2.020	62.810
	17 Jul 90		2.050	62.780
	24 Jul 90		2.020	62.810

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB11	6 Mar 89		3.500	48.599
	16 Mar 89		3.480	48.619
	23 Mar 89		2.990	49.109
	30 Mar 89		3.380	48.719
	5 Apr 89		3.410	48.689
	10 Apr 89		3.160	48.939
	25 Apr 89		3.400	48.699
	2 May 89		3.470	48.629
	10 May 89		3.570	48.529
	16 May 89		3.650	48.449
	23 May 89		3.680	48.419
	30 May 89		3.650	48.449
	6 Jun 89		3.680	48.419
	13 Jun 89		3.710	48.389
	20 Jun 89		3.760	48.339
	27 Jun 89		3.780	48.319
	4 Jul 89		3.800	48.299
	11 Jul 89		3.790	48.309
	18 Jul 89		3.870	48.229
	25 Jul 89		3.910	48.189
	1 Aug 89		3.950	48.149
	8 Aug 89		3.990	48.109
	15 Aug 89		3.860	48.239
	22 Aug 89		3.900	48.199
	29 Aug 89		3.940	48.159
	5 Sep 89		3.980	48.119
	12 Sep 89		4.020	48.079
	19 Sep 89		4.020	48.079
	26 Sep 89		4.060	48.039
	3 Oct 89		4.100	47.999
	10 Oct 89		4.140	47.959
	17 Oct 89		4.200	47.899
	24 Oct 89		4.170	47.929
	31 Oct 89		4.200	47.899
	7 Nov 89		4.090	48.009
	14 Nov 89		4.090	48.009
	21 Nov 89		4.150	47.949
	28 Nov 89		4.240	47.859
	5 Dec 89		4.290	47.809
	15 Dec 89		4.330	47.769
	19 Dec 89		4.130	47.969
	2 Jan 90		3.620	48.479
	9 Jan 90		3.710	48.389
	16 Jan 90		3.760	48.339
	23 Jan 90		3.840	48.259
	30 Jan 90		3.710	48.389
	6 Feb 90		2.630	49.469
	13 Feb 90		2.880	49.219
	20 Feb 90		3.300	48.799
	27 Feb 90		3.470	48.629

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB11	6 Mar 90		3.610:	48.489
	13 Mar 90		3.740	48.359
	27 Mar 90		3.930	48.169
	3 Apr 90		3.980	48.119
	10 Apr 90		3.990	48.109
	17 Apr 90		3.990	48.109
	24 Apr 90		3.960	48.139
	1 May 90		4.010	48.089
	8 May 90		4.000	48.099
	15 May 90		3.940	48.159
	22 May 90		3.900	48.199
	29 May 90		3.900	48.199
	5 Jun 90		3.840	48.259
	12 Jun 90		3.850	48.249
	19 Jun 90		3.870	48.229
	26 Jun 90		3.830	48.269
	3 Jul 90		3.770	48.329
	10 Jul 90		3.790	48.309
	17 Jul 90		3.840	48.259
	24 Jul 90		3.900	48.199
	31 Jul 90		3.930	48.169
	7 Aug 90		3.950	48.149
	14 Aug 90		3.960	48.139
	14 Aug 90		3.960	48.139
	21 Aug 90		3.790	48.309
	28 Aug 90		3.750	48.349
	4 Sep 90		3.810	48.289
	11 Sep 90		3.870	48.229
	18 Sep 90		3.900	48.199
	25 Sep 90		3.870	48.229
	2 Oct 90		3.830	48.269
	9 Oct 90		3.890	48.209
	16 Oct 90		3.950	48.149
	23 Oct 90		3.930	48.169
	30 Oct 90		3.940	48.159
	6 Nov 90		4.010	48.089
	13 Nov 90		4.090	48.009
	20 Nov 90		4.170	47.929
BB13	6 Mar 89		3.660	71.539
	16 Mar 89		3.560	71.639
	23 Mar 89		3.230	71.969
	30 Mar 89		3.040	72.159
	5 Apr 89		3.010	72.189
	10 Apr 89		2.710	72.489
	25 Apr 89		2.760	72.439
	2 May 89		2.710	72.489
	10 May 89		2.860	72.339
	16 May 89		3.030	72.169
	23 May 89		3.170	72.029

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB13	30 May 89		3.240	71.959
	6 Jun 89		3.340	71.859
	13 Jun 89		3.410	71.789
	20 Jun 89		3.530	71.669
	27 Jun 89		3.630	71.569
	4 Jul 89		3.720	71.479
	11 Jul 89		3.760	71.439
	18 Jul 89		3.830	71.369
	25 Jul 89		3.870	71.329
	1 Aug 89		3.920	71.279
	8 Aug 89		3.960	71.239
	15 Aug 89		3.970	71.229
	22 Aug 89		3.980	71.219
	29 Aug 89		4.010	71.189
	5 Sep 89		4.020	71.179
	12 Sep 89		4.030	71.169
	19 Sep 89		4.010	71.189
	26 Sep 89		4.060	71.139
	3 Oct 89		4.070	71.129
	10 Oct 89		4.070	71.129
	17 Oct 89		4.080	71.119
	24 Oct 89		4.090	71.109
	31 Oct 89		4.090	71.109
	7 Nov 89		4.080	71.119
	14 Nov 89		4.080	71.119
	21 Nov 89		4.070	71.129
	28 Nov 89		4.060	71.139
	5 Dec 89		4.060	71.139
	15 Dec 89		4.050	71.149
	19 Dec 89		4.010	71.189
	2 Jan 90		3.370	71.829
	9 Jan 90		3.250	71.949
	16 Jan 90		3.050	72.149
	23 Jan 90		2.930	72.269
	30 Jan 90		2.750	72.449
	6 Feb 90		2.010	73.189
	13 Feb 90		2.120	73.079
	20 Feb 90		2.260	72.939
	27 Feb 90		2.370	72.829
	6 Mar 90		2.460	72.739
	13 Mar 90		2.610	72.589
	27 Mar 90		2.840	72.359
	3 Apr 90		2.880	72.319
	10 Apr 90		2.990	72.209
	17 Apr 90		3.030	72.169
	24 Apr 90		3.060	72.139
	1 May 90		3.130	72.069
	8 May 90		3.190	72.009
	15 May 90		3.260	71.939
	22 May 90		3.340	71.859

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB13	29 May 90		3.430	71.769
	5 Jun 90		3.500	71.699
	12 Jun 90		3.550	71.649
	19 Jun 90		3.600	71.599
	26 Jun 90		3.650	71.549
	3 Jul 90		3.720	71.479
	10 Jul 90		3.770	71.429
	17 Jul 90		3.810	71.389
	24 Jul 90		3.880	71.319
	31 Jul 90		3.920	71.279
	7 Aug 90		3.960	71.239
	14 Aug 90		4.000	71.199
	14 Aug 90		4.000	71.199
	21 Aug 90		4.020	71.179
	28 Aug 90		4.020	71.179
	4 Sep 90		4.040	71.159
	11 Sep 90		4.050	71.149
	18 Sep 90		4.070	71.129
	25 Sep 90		4.080	71.119
	2 Oct 90		4.090	71.109
	9 Oct 90		4.090	71.109
	16 Oct 90		4.090	71.109
	23 Oct 90		4.100	71.099
	30 Oct 90		4.090	71.109
	6 Nov 90		4.090	71.109
	13 Nov 90		4.090	71.109
	20 Nov 90		4.090	71.109
BB14	6 Mar 89		4.010	70.540
	16 Mar 89		3.940	70.610
	23 Mar 89		3.670	70.880
	30 Mar 89		3.630	70.920
	5 Apr 89		3.590	70.960
	10 Apr 89		3.540	71.010
	25 Apr 89		3.490	71.060
	2 May 89		3.390	71.160
	10 May 89		3.470	71.080
	16 May 89		3.600	70.950
	23 May 89		3.710	70.840
	30 May 89		3.810	70.740
	6 Jun 89		3.890	70.660
	13 Jun 89		3.960	70.590
	20 Jun 89		4.080	70.470
	27 Jun 89		4.180	70.370
	4 Jul 89		4.260	70.290
	11 Jul 89		4.290	70.260
	18 Jul 89		4.360	70.190
	25 Jul 89		4.400	70.150
	1 Aug 89		4.440	70.110
	8 Aug 89		4.480	70.070

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB14	15 Aug 89		4.490	70.060
	22 Aug 89		4.510	70.040
	29 Aug 89		4.540	70.010
	5 Sep 89		4.560	69.990
	12 Sep 89		4.590	69.960
	19 Sep 89		4.610	69.940
	26 Sep 89		4.620	69.930
	3 Oct 89		4.640	69.910
	10 Oct 89		4.660	69.890
	17 Oct 89		4.680	69.870
	24 Oct 89		4.690	69.860
	31 Oct 89		4.700	69.850
	7 Nov 89		4.700	69.850
	14 Nov 89		4.680	69.870
	21 Nov 89		4.690	69.860
	28 Nov 89		4.700	69.850
	5 Dec 89		4.700	69.850
	15 Dec 89		4.660	69.890
	19 Dec 89		4.470	70.080
	2 Jan 90		3.930	70.620
	9 Jan 90		3.840	70.710
	16 Jan 90		3.740	70.810
	23 Jan 90		3.680	70.870
	30 Jan 90		3.520	71.030
	6 Feb 90		3.030	71.520
	13 Feb 90		3.000	71.550
	20 Feb 90		3.020	71.530
	27 Feb 90		3.030	71.520
	6 Mar 90		3.050	71.500
	13 Mar 90		3.110	71.440
	27 Mar 90		3.200	71.350
	3 Apr 90		3.220	71.330
	10 Apr 90		3.310	71.240
	17 Apr 90		3.340	71.210
	24 Apr 90		3.380	71.170
	1 May 90		3.450	71.100
	8 May 90		3.530	71.020
	15 May 90		3.620	70.930
	22 May 90		3.720	70.830
	29 May 90		3.830	70.720
	5 Jun 90		3.900	70.650
	12 Jun 90		3.940	70.610
	19 Jun 90		4.000	70.550
	26 Jun 90		4.050	70.500
	3 Jul 90		4.120	70.430
	10 Jul 90		4.180	70.370
	17 Jul 90		4.210	70.340
	24 Jul 90		4.290	70.260
	31 Jul 90		4.340	70.210
	7 Aug 90		4.390	70.160

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB14	14 Aug 90		4.430	70.120
	21 Aug 90		4.450	70.100
	28 Aug 90		4.460	70.090
	4 Sep 90		4.490	70.060
	11 Sep 90		4.520	70.030
	18 Sep 90		4.560	69.990
	25 Sep 90		4.590	69.960
	2 Oct 90		4.610	69.940
	9 Oct 90		4.620	69.930
	16 Oct 90		4.630	69.920
	23 Oct 90		4.650	69.900
	30 Oct 90		4.650	69.900
	6 Nov 90		4.650	69.900
	13 Nov 90		4.660	69.890
	20 Nov 90		4.670	69.880
BB17	6 Mar 89		2.730	70.710
	16 Mar 89		2.700	70.740
	23 Mar 89		2.420	71.020
	30 Mar 89		2.460	70.980
	5 Apr 89		2.460	70.980
	10 Apr 89		2.340	71.100
	25 Apr 89		2.260	71.180
	2 May 89		2.320	71.120
	10 May 89		2.430	71.010
	16 May 89		2.500	70.940
	23 May 89		2.750	70.690
	30 May 89		2.820	70.620
	6 Jun 89		2.910	70.530
	13 Jun 89		2.970	70.470
	20 Jun 89		3.100	70.340
	27 Jun 89		3.220	70.220
	4 Jul 89		3.280	70.160
	11 Jul 89		3.290	70.150
	18 Jul 89		3.360	70.080
	25 Jul 89		3.410	70.030
	1 Aug 89		3.440	70.000
	8 Aug 89		3.480	69.960
	15 Aug 89		3.430	70.010
	22 Aug 89		3.480	69.960
	29 Aug 89		3.490	69.950
	5 Sep 89		3.510	69.930
	12 Sep 89		3.520	69.920
	19 Sep 89		3.510	69.930
	26 Sep 89		3.540	69.900
	3 Oct 89		3.540	69.900
	10 Oct 89		3.540	69.900
	17 Oct 89		3.550	69.890
	24 Oct 89		3.520	69.920
	31 Oct 89		3.490	69.950

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB17	7 Nov 89		3.450	69.990
	14 Nov 89		3.420	70.020
	21 Nov 89		3.400	70.040
	28 Nov 89		3.370	70.070
	5 Dec 89		3.360	70.080
	15 Dec 89		3.330	70.110
	19 Dec 89		3.170	70.270
	2 Jan 90		2.610	70.830
	9 Jan 90		2.540	70.900
	16 Jan 90		2.570	70.870
	23 Jan 90		2.590	70.850
	30 Jan 90		2.420	71.020
	6 Feb 90		2.290	71.150
	13 Feb 90		2.030	71.410
	20 Feb 90		2.050	71.390
	27 Feb 90		2.100	71.340
	6 Mar 90		2.180	71.260
	13 Mar 90		2.250	71.190
	27 Mar 90		2.280	71.160
	3 Apr 90		2.360	71.080
	10 Apr 90		2.390	71.050
	17 Apr 90		2.400	71.040
	24 Apr 90		2.490	70.950
	1 May 90		2.480	70.960
	8 May 90		2.660	70.780
	15 May 90		2.740	70.700
	22 May 90		2.850	70.590
	29 May 90		2.970	70.470
	5 Jun 90		3.040	70.400
	12 Jun 90		3.070	70.370
	19 Jun 90		3.120	70.320
	26 Jun 90		3.170	70.270
	3 Jul 90		3.230	70.210
	10 Jul 90		3.260	70.180
	17 Jul 90		3.290	70.150
	24 Jul 90		3.420	70.020
	31 Jul 90		3.450	69.990
	7 Aug 90		3.500	69.940
	14 Aug 90		3.540	69.900
	14 Aug 90		3.540	69.900
	21 Aug 90		3.500	69.940
	28 Aug 90		3.470	69.970
	4 Sep 90		3.510	69.930
	11 Sep 90		3.560	69.880
	18 Sep 90		3.580	69.860
	25 Sep 90		3.580	69.860
	2 Oct 90		3.550	69.890
	9 Oct 90		3.520	69.920
	16 Oct 90		3.520	69.920
	23 Oct 90		3.490	69.950

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB17	30 Oct 90		3.470	69.970
	6 Nov 90		3.460	69.980
	13 Nov 90		3.440	70.000
	20 Nov 90		3.420	70.020
BB20	26 Jun 90		5.590	57.369
	3 Jul 90		6.160	56.799
	10 Jul 90		6.180	56.779
	17 Jul 90		6.220	56.739
	24 Jul 90		6.240	56.719
	31 Jul 90		6.210	56.749
	7 Aug 90		6.260	56.699
	14 Aug 90		6.210	56.749
	21 Aug 90		6.210	56.749
	28 Aug 90		6.210	56.749
	4 Sep 90		6.220	56.739
	11 Sep 90		6.230	56.729
	18 Sep 90		6.230	56.729
	25 Sep 90		6.230	56.729
	2 Oct 90		6.220	56.739
	9 Oct 90		6.220	56.739
	16 Oct 90		6.230	56.729
	23 Oct 90		6.220	56.739
	30 Oct 90		6.210	56.749
	6 Nov 90		6.220	56.739
	13 Nov 90		6.210	56.749
	20 Nov 90		6.210	56.749

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB21	26 Jun 90		5.950	55.250
	3 Jul 90		6.010	55.190
	10 Jul 90		6.030	55.170
	17 Jul 90		6.060	55.140
	24 Jul 90		6.000	55.200
	31 Jul 90		6.050	55.150
	7 Aug 90		6.060	55.140
	14 Aug 90		6.060	55.140
	21 Aug 90		6.090	55.110
	28 Aug 90		6.070	55.130
	4 Sep 90		6.070	55.130
	11 Sep 90		6.090	55.110
	18 Sep 90		6.090	55.110
	25 Sep 90		6.140	55.060
	2 Oct 90		6.100	55.100
	9 Oct 90		6.120	55.080
	16 Oct 90		6.160	55.040
	23 Oct 90		6.140	55.060
	30 Oct 90		6.170	55.030
	6 Nov 90		6.170	55.030
	13 Nov 90		6.150	55.050
	20 Nov 90		6.200	55.000
BB22	31 Jul 90		3.050	63.630
	7 Aug 90		3.150	63.530
	14 Aug 90		3.200	63.480
	21 Aug 90		2.970	63.710
	28 Aug 90		2.970	63.710
	4 Sep 90		3.040	63.640
	11 Sep 90		3.160	63.520
	18 Sep 90		3.160	63.520
	25 Sep 90		3.160	63.520
	2 Oct 90		2.970	63.710
	9 Oct 90		2.930	63.750
	16 Oct 90		3.000	63.680
	23 Oct 90		3.000	63.680
	30 Oct 90		2.790	63.890
	6 Nov 90		2.840	63.840
	13 Nov 90		2.770	63.910
	20 Nov 90		2.770	63.910

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB24	7 Aug 90		5.299	47.270
	14 Aug 90		5.319	47.250
	21 Aug 90		5.350	47.219
	28 Aug 90		5.360	47.209
	4 Sep 90		5.380	47.189
	11 Sep 90		5.400	47.169
	18 Sep 90		5.410	47.159
	25 Sep 90		5.430	47.139
	2 Oct 90		5.440	47.129
	9 Oct 90		5.470	47.099
	16 Oct 90		5.480	47.089
	23 Oct 90		5.500	47.069
	30 Oct 90		5.520	47.049
	6 Nov 90		5.540	47.029
	13 Nov 90		5.550	47.019
	20 Nov 90		5.580	46.989
BB25	7 Aug 90		21.590	28.290
BB26	7 Aug 90		4.370	47.080
	14 Aug 90		4.390	47.060
	21 Aug 90		4.410	47.040
	28 Aug 90		4.410	47.040
	4 Sep 90		4.420	47.030
	11 Sep 90		4.440	47.010
	18 Sep 90		4.440	47.010
	25 Sep 90		4.460	46.990
	2 Oct 90		4.450	47.000
	9 Oct 90		4.470	46.980
	16 Oct 90		4.470	46.980
	23 Oct 90		4.480	46.970
	30 Oct 90		4.490	46.960
	6 Nov 90		4.500	46.950
	13 Nov 90		4.490	46.960
	20 Nov 90		4.510	46.940
BB29	26 Jun 90		2.510	52.800
	3 Jul 90		2.860	52.450
	10 Jul 90		2.900	52.410
	17 Jul 90		2.940	52.370
	14 Aug 90		2.970	52.340
	21 Aug 90		2.880	52.430
	20 Nov 90		2.930	52.380
BB3	6 Feb 90		0.000	50.740
	13 Feb 90		0.000	50.740
	20 Feb 90		0.000	50.740
	27 Feb 90		0.000	50.740
	6 Mar 90		3.070	47.670

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB30	26 Jun 90		1.490	56.800
	3 Jul 90		1.540	56.750
	10 Jul 90		1.540	56.750
	17 Jul 90		1.570	56.720
	17 Jul 90		1.600	56.690
	24 Jul 90		1.690	56.600
	31 Jul 90		1.710	56.580
	7 Aug 90		1.770	56.520
	14 Aug 90		1.810	56.480
	21 Aug 90		1.670	56.620
	21 Aug 90		1.670	56.620
	28 Aug 90		1.740	56.550
	4 Sep 90		1.810	56.480
	11 Sep 90		1.870	56.420
	18 Sep 90		1.890	56.400
	25 Sep 90		1.890	56.400
	2 Oct 90		1.770	56.520
	9 Oct 90		1.810	56.480
	16 Oct 90		1.870	56.420
	23 Oct 90		1.860	56.430
	30 Oct 90		1.750	56.540
	6 Nov 90		1.790	56.500
	13 Nov 90		1.830	56.460
	20 Nov 90		1.770	56.520
BB31	26 Jun 90		2.339	70.900
	3 Jul 90		2.399	70.840
	10 Jul 90		2.439	70.800
	17 Jul 90		2.459	70.780
	24 Jul 90		2.539	70.700
	31 Jul 90		2.579	70.660
	7 Aug 90		2.639	70.600
	14 Aug 90		2.679	70.560
	21 Aug 90		2.630	70.609
	28 Aug 90		2.660	70.579
	4 Sep 90		2.690	70.549
	11 Sep 90		2.740	70.499
	18 Sep 90		2.740	70.499
	25 Sep 90		2.750	70.489
	2 Oct 90		2.710	70.529
	9 Oct 90		2.710	70.529
	16 Oct 90		2.730	70.509
	23 Oct 90		2.710	70.529
	30 Oct 90		2.670	70.569
	6 Nov 90		2.670	70.569
	13 Nov 90		2.650	70.589
	20 Nov 90		2.640	70.599

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB32	26 Jun 90		2.610	71.940
	3 Jul 90		2.670	71.880
	10 Jul 90		2.720	71.830
	17 Jul 90		2.770	71.780
	24 Jul 90		2.820	71.730
	31 Jul 90		2.850	71.700
	7 Aug 90		2.890	71.660
	14 Aug 90		2.930	71.620
	21 Aug 90		2.900	71.650
	28 Aug 90		2.930	71.620
	4 Sep 90		2.970	71.580
	11 Sep 90		2.990	71.560
	18 Sep 90		3.010	71.540
	25 Sep 90		3.030	71.520
	2 Oct 90		3.000	71.550
	9 Oct 90		3.020	71.530
	16 Oct 90		3.040	71.510
	23 Oct 90		3.040	71.510
	30 Oct 90		3.010	71.540
	6 Nov 90		3.030	71.520
	13 Nov 90		3.030	71.520
	20 Nov 90		3.040	71.510
BB34	26 Jun 90		2.110	70.229
	3 Jul 90		2.180	70.159
	10 Jul 90		2.190	70.149
	17 Jul 90		2.210	70.129
	24 Jul 90		2.230	70.109
	31 Jul 90		2.330	70.009
	7 Aug 90		2.370	69.969
	14 Aug 90		2.420	69.919
	21 Aug 90		2.410	69.929
	28 Aug 90		2.430	69.909
	4 Sep 90		2.470	69.869
	11 Sep 90		2.500	69.839
	18 Sep 90		2.530	69.809
	25 Sep 90		2.570	69.769
	2 Oct 90		2.590	69.749
	9 Oct 90		2.580	69.759
	16 Oct 90		2.600	69.739
	23 Oct 90		2.600	69.739
	30 Oct 90		2.580	69.759
	6 Nov 90		2.590	69.749
	13 Nov 90		2.610	69.729
	20 Nov 90		2.630	69.709

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB35	26 Jun 90		9.770	51.930
	3 Jul 90		9.650	52.050
	10 Jul 90		9.660	52.040
	17 Jul 90		9.700	52.000
	24 Jul 90		9.710	51.990
	31 Jul 90		9.740	51.960
	7 Aug 90		9.770	51.930
	14 Aug 90		9.780	51.920
	21 Aug 90		9.810	51.890
	28 Aug 90		9.820	51.880
	4 Sep 90		9.840	51.860
	11 Sep 90		9.870	51.830
	18 Sep 90		9.890	51.810
	25 Sep 90		9.910	51.790
	2 Oct 90		9.930	51.770
	9 Oct 90		9.950	51.750
	16 Oct 90		9.970	51.730
	23 Oct 90		9.980	51.720
	30 Oct 90		10.000	51.700
	6 Nov 90		10.020	51.680
BB36	13 Nov 90		10.020	51.680
	20 Nov 90		10.050	51.650
	7 Aug 90		6.250	51.979
	14 Aug 90		6.280	51.949
	21 Aug 90		6.300	51.929
	28 Aug 90		6.310	51.919
	4 Sep 90		6.320	51.909
	11 Sep 90		6.350	51.879
	18 Sep 90		6.360	51.869
	25 Sep 90		6.390	51.839
	2 Oct 90		6.400	51.829
	9 Oct 90		6.420	51.809
	16 Oct 90		6.440	51.789
	23 Oct 90		6.450	51.779
	30 Oct 90		6.450	51.779
	6 Nov 90		6.480	51.749
	13 Nov 90		6.480	51.749
	20 Nov 90		6.500	51.729

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB37	7 Aug 90		4.490	47.230
	14 Aug 90		4.530	47.190
	21 Aug 90		4.570	47.150
	28 Aug 90		4.600	47.120
	4 Sep 90		4.630	47.090
	11 Sep 90		4.670	47.050
	18 Sep 90		4.690	47.030
	25 Sep 90		4.720	47.000
	2 Oct 90		4.740	46.980
	9 Oct 90		4.760	46.960
	16 Oct 90		4.770	46.950
	23 Oct 90		4.790	46.930
	30 Oct 90		4.800	46.920
	6 Nov 90		4.810	46.910
	13 Nov 90		4.820	46.900
	20 Nov 90		4.830	46.890
BB39	7 Aug 90		4.910	46.299
	14 Aug 90		4.940	46.269
	21 Aug 90		4.960	46.249
	28 Aug 90		4.980	46.229
	4 Sep 90		5.000	46.209
	11 Sep 90		5.020	46.189
	18 Sep 90		5.040	46.169
	25 Sep 90		5.070	46.139
	2 Oct 90		5.090	46.119
	9 Oct 90		5.120	46.089
	16 Oct 90		5.140	46.069
	23 Oct 90		5.160	46.049
	30 Oct 90		5.180	46.029
	6 Nov 90		5.210	45.999
	13 Nov 90		5.220	45.989
	20 Nov 90		5.240	45.969
BB4	6 Mar 89		1.690	53.609
	16 Mar 89		1.570	53.729
	23 Mar 89		1.450	53.849
	30 Mar 89		1.770	53.529
	5 Apr 89		1.720	53.579
	10 Apr 89		1.600	53.699
	25 Apr 89		1.810	53.489
	2 May 89		1.830	53.469
	10 May 89		2.160	53.139
	16 May 89		2.390	52.909
	23 May 89		2.510	52.789
	30 May 89		2.590	52.709
	6 Jun 89		2.720	52.579
	13 Jun 89		2.800	52.499
	20 Jun 89		2.860	52.439
	27 Jun 89		2.920	52.379

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB4	4 Jul 89		2.990	52.309
	11 Jul 89		3.020	52.279
	18 Jul 89		3.050	52.249
	25 Jul 89		3.070	52.229
	1 Aug 89		3.100	52.199
	8 Aug 89		3.220	52.079
	15 Aug 89		3.140	52.159
	22 Aug 89		3.150	52.149
	29 Aug 89		3.180	52.119
	5 Sep 89		3.190	52.109
	12 Sep 89		3.220	52.079
	19 Sep 89		3.230	52.069
	26 Sep 89		3.250	52.049
	3 Oct 89		3.270	52.029
	10 Oct 89		3.290	52.009
	17 Oct 89		3.320	51.979
	24 Oct 89		3.340	51.959
	31 Oct 89		3.350	51.949
	7 Nov 89		3.350	51.949
	14 Nov 89		3.350	51.949
	21 Nov 89		3.350	51.949
	28 Nov 89		3.360	51.939
	5 Dec 89		3.370	51.929
	15 Dec 89		3.370	51.929
	19 Dec 89		3.210	52.089
	2 Jan 90		1.930	53.369
	9 Jan 90		1.680	53.619
	16 Jan 90		1.740	53.559
	23 Jan 90		1.690	53.609
	30 Jan 90		1.370	53.929
	6 Feb 90		1.340	53.959
	13 Feb 90		1.320	53.979
	20 Feb 90		1.470	53.829
	27 Feb 90		1.420	53.879
	6 Mar 90		1.690	53.609
	13 Mar 90		1.880	53.419
	27 Mar 90		2.180	53.119
	3 Apr 90		2.220	53.079
	10 Apr 90		2.250	53.049
	17 Apr 90		2.290	53.009
	24 Apr 90		2.450	52.849
	1 May 90		2.460	52.839
	8 May 90		2.660	52.639
	15 May 90		2.730	52.569
	22 May 90		2.810	52.489
	29 May 90		2.890	52.409
	5 Jun 90		2.930	52.369
	12 Jun 90		2.990	52.309
	19 Jun 90		3.020	52.279
	26 Jun 90		3.040	52.259

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB4	3 Jul 90		3.080	52.219
	10 Jul 90		3.140	52.159
	17 Jul 90		3.260	52.039
	24 Jul 90		3.200	52.099
	31 Jul 90		3.240	52.059
	7 Aug 90		3.270	52.029
	14 Aug 90		3.310	51.989
	14 Aug 90		3.310	51.989
	21 Aug 90		3.320	51.979
	28 Aug 90		3.340	51.959
	4 Sep 90		3.370	51.929
	11 Sep 90		3.370	51.929
	18 Sep 90		3.390	51.909
	25 Sep 90		3.410	51.889
	30 Oct 90		3.390	51.909
	20 Nov 90		3.410	51.889
BB40	10 Jul 90		6.859	51.420
	17 Jul 90		6.879	51.400
	24 Jul 90		6.889	51.390
	31 Jul 90		6.919	51.360
	14 Aug 90		6.949	51.330
	21 Aug 90		6.980	51.299
	28 Aug 90		6.980	51.299
	4 Sep 90		7.010	51.269
	11 Sep 90		7.020	51.259
	18 Sep 90		7.050	51.229
	25 Sep 90		7.070	51.209
	2 Oct 90		7.080	51.199
	9 Oct 90		7.090	51.189
	16 Oct 90		7.120	51.159
	23 Oct 90		7.130	51.149
	30 Oct 90		7.140	51.139
	6 Nov 90		7.170	51.109
	13 Nov 90		7.170	51.109
	20 Nov 90		7.190	51.089

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB41	26 Jun 90		4.081	66.499
	3 Jul 90		4.231	66.349
	10 Jul 90		4.251	66.329
	17 Jul 90		4.281	66.299
	24 Jul 90		4.621	65.959
	31 Jul 90		4.711	65.869
	7 Aug 90		4.830	65.750
	14 Aug 90		4.940	65.640
	21 Aug 90		4.930	65.650
	28 Aug 90		4.980	65.600
	4 Sep 90		5.060	65.520
	11 Sep 90		5.130	65.450
	18 Sep 90		5.180	65.400
	25 Sep 90		5.220	65.360
	2 Oct 90		5.190	65.390
	9 Oct 90		5.160	65.420
	16 Oct 90		5.250	65.330
	23 Oct 90		5.220	65.360
	30 Oct 90		5.170	65.410
	6 Nov 90		5.180	65.400
	13 Nov 90		5.120	65.460
	20 Nov 90		5.080	65.500
BB42A	26 Jun 90		4.850	57.140
	3 Jul 90		4.890	57.100
	10 Jul 90		4.910	57.080
	17 Jul 90		4.930	57.060
	24 Jul 90		5.040	56.950
	31 Jul 90		5.070	56.920
	7 Aug 90		5.130	56.860
	14 Aug 90		5.170	56.820
	21 Aug 90		5.130	56.860
	28 Aug 90		5.180	56.810
	4 Sep 90		5.220	56.770
	11 Sep 90		5.270	56.720
	18 Sep 90		5.300	56.690
	25 Sep 90		5.330	56.660
	2 Oct 90		5.290	56.700
	9 Oct 90		5.320	56.670
	16 Oct 90		5.350	56.640
	23 Oct 90		5.370	56.620
	30 Oct 90		5.300	56.690
	6 Nov 90		5.300	56.690
	13 Nov 90		5.430	56.560
	20 Nov 90		5.290	56.700

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BB42B	26 Jun 90		2.620	58.659
	3 Jul 90		2.680	58.599
	10 Jul 90		2.700	58.579
	17 Jul 90		2.710	58.569
	24 Jul 90		2.860	58.419
	31 Jul 90		2.910	58.369
	7 Aug 90		2.970	58.309
	14 Aug 90		3.020	58.259
	21 Aug 90		3.050	58.229
	28 Aug 90		3.080	58.199
	4 Sep 90		3.120	58.159
	11 Sep 90		3.170	58.109
	18 Sep 90		3.210	58.069
	25 Sep 90		3.250	58.029
	2 Oct 90		3.270	58.009
	9 Oct 90		3.300	57.979
	16 Oct 90		3.330	57.949
	23 Oct 90		3.340	57.939
	30 Oct 90		3.350	57.929
	6 Nov 90		3.370	57.909
BB43A	13 Nov 90		3.490	57.789
	20 Nov 90		3.570	57.709
BB43A	7 Aug 90		10.500	52.279
	7 Aug 90		10.500	52.279
BB43B	7 Aug 90		8.090	54.160
	7 Aug 90		8.090	54.160
	14 Aug 90		8.090	54.160
	21 Aug 90		8.100	54.150
	21 Aug 90		8.100	54.150
	28 Aug 90		8.100	54.150
	4 Sep 90		8.110	54.140
	11 Sep 90		8.110	54.140
	18 Sep 90		8.120	54.130
	25 Sep 90		8.130	54.120
	2 Oct 90		8.130	54.120
	9 Oct 90		8.140	54.110
	16 Oct 90		8.140	54.110
	23 Oct 90		8.150	54.100
	30 Oct 90		8.150	54.100
	6 Nov 90		8.160	54.090
BB44	13 Nov 90		8.160	54.090
	20 Nov 90		8.170	54.080
BB44	7 Aug 90		38.710	33.440

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH1	13 Oct 88		5.250	47.630
	16 Nov 88		5.500	47.380
	16 Jan 89		5.500	47.380
	20 Feb 89		5.600	47.280
	16 Mar 89		5.600	47.280
	2 May 89		5.200	47.680
	16 May 89		5.090	47.790
	30 May 89		5.040	47.840
	13 Jun 89		5.010	47.870
	27 Jun 89		5.010	47.870
	11 Jul 89		5.090	47.790
	1 Aug 89		5.160	47.720
	22 Aug 89		5.200	47.680
	12 Sep 89		5.280	47.600
	3 Oct 89		5.080	47.800
	30 Oct 89		5.360	47.520
	14 Nov 89		5.360	47.520
	28 Nov 89		5.370	47.510
	18 Dec 89		5.370	47.510
	16 Jan 90		5.120	47.760
	15 Feb 90		4.450	48.430
	6 Mar 90		4.650	48.230
	23 Mar 90		4.680	48.200
	10 Apr 90		4.840	48.040
	24 Apr 90		4.950	47.930
	8 May 90		4.980	47.900
	22 May 90		5.040	47.840
	29 May 90		5.060	47.820
	12 Jun 90		5.120	47.760
	26 Jun 90		5.150	47.730
	12 Jul 90		5.190	47.690
	24 Jul 90		5.230	47.650
	3 Aug 90		5.280	47.600
	17 Aug 90		5.300	47.580
	31 Aug 90		5.340	47.540
	11 Sep 90		5.360	47.520
	25 Sep 90		5.380	47.500
	9 Oct 90		5.380	47.500
	23 Oct 90		5.440	47.440
	6 Nov 90		5.490	47.390
	20 Nov 90		5.470	47.410

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH10	12 Sep 89		3.900	46.090
	3 Oct 89		3.950	46.040
	30 Oct 89		4.000	45.990
	14 Nov 89		4.000	45.990
	28 Nov 89		4.030	45.960
	18 Dec 89		3.960	46.030
	16 Jan 90		3.680	46.310
	15 Feb 90		3.460	46.530
	6 Mar 90		3.330	46.660
	23 Mar 90		3.390	46.600
	10 Apr 90		3.450	46.540
	24 Apr 90		3.510	46.480
	8 May 90		3.540	46.450
	22 May 90		3.580	46.410
	29 May 90		3.600	46.390
	12 Jun 90		3.640	46.350
	26 Jun 90		3.660	46.330
	12 Jul 90		3.740	46.250
	24 Jul 90		3.800	46.190
	3 Aug 90		3.820	46.170
	17 Aug 90		3.830	46.160
	31 Aug 90		3.860	46.130
	11 Sep 90		3.880	46.110
	25 Sep 90		3.890	46.100
	9 Oct 90		3.850	46.140
	23 Oct 90		3.820	46.170
	6 Nov 90		3.900	46.090
	20 Nov 90		3.850	46.140

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH11	12 Sep 89		2.970	46.070
	30 Oct 89		3.050	45.990
	14 Nov 89		2.970	46.070
	28 Nov 89		2.970	46.070
	18 Dec 89		2.650	46.390
	16 Jan 90		2.390	46.650
	15 Feb 90		1.860	47.180
	6 Mar 90		2.320	46.720
	23 Mar 90		2.630	46.410
	10 Apr 90		2.670	46.370
	24 Apr 90		2.750	46.290
	8 May 90		2.800	46.240
	22 May 90		2.900	46.140
	29 May 90		2.970	46.070
	12 Jun 90		2.990	46.050
	26 Jun 90		2.990	46.050
	12 Jul 90		3.000	46.040
	24 Jul 90		3.060	45.980
	3 Aug 90		3.020	46.020
	17 Aug 90		2.750	46.290
	31 Aug 90		2.660	46.380
	11 Sep 90		2.680	46.360
	25 Sep 90		2.680	46.360
	9 Oct 90		2.580	46.460
	23 Oct 90		2.750	46.290
	6 Nov 90		2.650	46.390
	20 Nov 90		2.880	46.160

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH12	12 Sep 89		7.700	43.459
	3 Oct 89		7.710	43.449
	30 Oct 89		7.750	43.409
	14 Nov 89		7.730	43.429
	28 Nov 89		7.760	43.399
	18 Dec 89		7.840	43.319
	16 Jan 90		7.670	43.489
	15 Feb 90		7.580	43.579
	6 Mar 90		7.600	43.559
	23 Mar 90		7.620	43.539
	10 Apr 90		7.630	43.529
	24 Apr 90		7.650	43.509
	8 May 90		7.700	43.459
	22 May 90		7.710	43.449
	29 May 90		7.710	43.449
	12 Jun 90		7.710	43.449
	26 Jun 90		7.740	43.419
	12 Jul 90		7.760	43.399
	4 Jul 90		7.760	43.399
	3 Aug 90		7.780	43.379
	17 Aug 90		7.800	43.359
	31 Aug 90		7.790	43.369
	11 Sep 90		7.800	43.359
	25 Sep 90		7.800	43.359
	9 Oct 90		7.800	43.359
	23 Oct 90		7.800	43.359
	6 Nov 90		7.810	43.349
	20 Nov 90		7.820	43.339

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH13	12 Sep 89		8.150	45.300
	3 Oct 89		8.160	45.290
	30 Oct 89		8.230	45.220
	14 Nov 89		8.190	45.260
	28 Nov 89		8.190	45.260
	18 Dec 89		8.190	45.260
	16 Jan 90		8.000	45.450
	6 Mar 90		7.640	45.810
	23 Mar 90		7.550	45.900
	10 Apr 90		7.550	45.900
	24 Apr 90		7.550	45.900
	8 May 90		7.550	45.900
	22 May 90		7.550	45.900
	29 May 90		7.560	45.890
	12 Jun 90		7.620	45.830
	26 Jun 90		7.640	45.810
	12 Jul 90		7.670	45.780
	24 Jul 90		7.700	45.750
	3 Aug 90		7.64	45.69
	17 Aug 90		7.780	45.670
	31 Aug 90		7.780	45.670
	11 Sep 90		7.790	45.660
	25 Sep 90		7.790	45.660
	9 Oct 90		7.800	45.650
	23 Oct 90		7.800	45.650
	6 Nov 90		7.800	45.650
	20 Nov 90		7.780	45.670

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH2	12 Sep 89		6.260	46.519
	3 Oct 89		6.300	46.479
	30 Oct 89		6.330	46.449
	14 Nov 89		6.370	46.409
	28 Nov 89		6.370	46.409
	18 Dec 89		6.380	46.399
	16 Jan 90		6.140	46.639
	15 Feb 90		5.760	47.019
	6 Mar 90		5.540	47.239
	23 Mar 90		5.620	47.159
	10 Apr 90		5.630	47.149
	24 Apr 90		5.680	47.099
	8 May 90		5.750	47.029
	22 May 90		5.840	46.939
	29 May 90		5.900	46.879
	12 Jun 90		5.980	46.799
	26 Jun 90		6.030	46.749
	12 Jul 90		6.080	46.699
	2 Jul 90		6.110	46.629
	3 Aug 90		6.180	46.599
	17 Aug 90		6.230	46.549
	31 Aug 90		6.250	46.529
	11 Sep 90		6.270	46.509
	25 Sep 90		6.270	46.509
	9 Oct 90		6.280	46.499
	23 Oct 90		6.310	46.469
	6 Nov 90		6.360	46.419
	20 Nov 90		6.380	46.399

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH3	13 Oct 88		7.250	45.000
	16 Nov 88		7.100	45.150
	16 Jan 89		7.300	44.950
	20 Feb 89		7.300	44.950
	16 Mar 89		7.300	44.950
	2 May 89		7.230	45.020
	16 May 89		7.150	45.100
	30 May 89		7.090	45.160
	13 Jun 89		7.030	45.220
	27 Jun 89		7.110	45.140
	11 Jul 89		7.080	45.170
	1 Aug 89		7.010	45.240
	22 Aug 89		6.990	45.260
	12 Sep 89		7.400	44.850
	3 Oct 89		6.780	45.470
	14 Nov 89		4.650	47.600
	28 Nov 89		4.850	47.400
	18 Dec 89		6.910	45.340
	16 Jan 90		6.700	45.550
	15 Feb 90		6.400	45.850
	6 Mar 90		6.190	46.060
	23 Mar 90		6.150	46.100
	10 Apr 90		6.190	46.060
	24 Apr 90		6.240	46.010
	8 May 90		6.300	45.950
	22 May 90		6.310	45.940
	29 May 90		6.310	45.940
	12 Jun 90		6.400	45.850
	26 Jun 90		6.420	45.830
	12 Jul 90		6.430	45.820
	24 Jul 90		6.440	45.810
	3 Aug 90		6.480	45.770
	17 Aug 90		6.500	45.750
	31 Aug 90		6.500	45.750
	11 Sep 90		6.520	45.730
	25 Sep 90		6.550	45.700
	9 Oct 90		6.570	45.680
	23 Oct 90		6.590	45.660
	6 Nov 90		6.600	45.650
	20 Nov 90		6.620	45.630
BH4	6 Mar 90		0.000	51.459

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BHS	16 Nov 88		6.300	46.850
	16 Jan 89		6.450	46.700
	20 Feb 89		6.480	46.670
	16 Mar 89		6.340	46.810
	2 May 89		6.270	46.880
	16 May 89		6.000	47.150
	30 May 89		6.000	47.150
	13 Jun 89		6.020	47.130
	27 Jun 89		6.030	47.120
	11 Jul 89		6.150	47.000
	1 Aug 89		6.180	46.970
	22 Aug 89		6.210	46.940
	12 Sep 89		6.300	46.850
	3 Oct 89		5.860	47.290
	30 Oct 89		6.460	46.690
	14 Nov 89		6.420	46.730
	28 Nov 89		6.450	46.700
	18 Dec 89		6.510	46.640
	16 Jan 90		5.930	47.220
	15 Feb 90		5.070	48.080
	4 Mar 90		5.370	47.780
	23 Mar 90		5.370	47.780
	10 Apr 90		5.490	47.660
	24 Apr 90		5.600	47.550
	8 May 90		5.610	47.540
	22 May 90		5.730	47.420
	29 May 90		5.790	47.360
	12 Jun 90		5.920	47.230
	26 Jun 90		5.950	47.200
	12 Jul 90		6.000	47.150
	24 Jul 90		6.040	47.110
	3 Aug 90		6.080	47.070
	17 Aug 90		6.130	47.020
	31 Aug 90		6.210	46.940
	11 Sep 90		6.240	46.910
	25 Sep 90		6.250	46.900
	9 Oct 90		6.250	46.900
	23 Oct 90		6.280	46.870
	6 Nov 90		6.330	46.820
	20 Nov 90		6.360	46.790

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH6	24 Aug 89		5.300	48.010
	12 Sep 89		5.380	47.930
	3 Oct 89		5.340	47.970
	30 Oct 89		5.520	47.790
	14 Nov 89		5.520	47.790
	28 Nov 89		5.560	47.750
	18 Dec 89		5.590	47.720
	16 Jan 90		5.240	48.070
	15 Feb 90		4.660	48.650
	6 Mar 90		4.760	48.550
	23 Mar 90		4.890	48.420
	10 Apr 90		4.950	48.360
	24 Apr 90		5.000	48.310
	8 May 90		5.110	48.200
	22 May 90		5.190	48.120
	29 May 90		5.230	48.080
	12 Jun 90		5.300	48.010
	26 Jun 90		5.340	47.970
	12 Jul 90		5.380	47.930
	24 Jul 90		5.400	47.910
	3 Aug 90		5.460	47.850
	17 Aug 90		5.500	47.810
	31 Aug 90		5.570	47.740
	11 Sep 90		5.600	47.710
	25 Sep 90		5.640	47.670
	9 Oct 90		5.650	47.660
	23 Oct 90		5.690	47.620
	6 Nov 90		5.720	47.590
	20 Nov 90		5.760	47.550

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH7	24 Aug 89		3.900	48.969
	12 Sep 89		4.200	48.669
	3 Oct 89		4.230	48.639
	30 Oct 89		4.090	48.779
	14 Nov 89		4.050	48.819
	28 Nov 89		4.050	48.819
	18 Dec 89		3.770	49.099
	16 Jan 90		3.700	49.169
	15 Feb 90		1.980	50.889
	6 Mar 90		2.860	50.009
	23 Mar 90		2.230	50.639
	10 Apr 90		2.380	50.489
	24 Apr 90		3.190	49.679
	8 May 90		3.790	49.079
	22 May 90		3.890	48.979
	29 May 90		3.970	48.899
	12 Jun 90		4.020	48.849
	26 Jun 90		4.040	48.829
	12 Jul 90		4.070	48.779
	24 Jul 90		4.120	48.749
	3 Aug 90		4.360	48.509
	17 Aug 90		4.470	48.399
	31 Aug 90		4.600	48.269
	11 Sep 90		4.640	48.229
	25 Sep 90		4.670	48.199
	9 Oct 90		4.680	48.189
	23 Oct 90		4.770	48.099
	6 Nov 90		4.810	48.059
	20 Nov 90		4.860	48.009

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH8	24 Aug 89		6.380	45.899
	12 Sep 89		6.200	46.079
	3 Oct 89		6.400	45.879
	30 Oct 89		6.460	45.819
	14 Nov 89		6.450	45.829
	27 Nov 89		6.480	45.799
	18 Dec 89		6.560	45.719
	16 Jan 90		6.020	46.259
	15 Feb 90		5.480	46.799
	6 Mar 90		5.580	46.699
	20 Mar 90		5.720	46.559
	10 Apr 90		5.740	46.539
	24 Apr 90		5.770	46.509
	8 May 90		5.920	46.359
	22 May 90		5.980	46.299
	29 May 90		6.010	46.269
	12 Jun 90		6.150	46.129
	26 Jun 90		6.200	46.079
	12 Jul 90		6.250	46.029
	24 Jul 90		6.280	45.999
	3 Aug 90		6.300	45.979
	17 Aug 90		6.330	45.949
	31 Aug 90		6.380	45.899
	11 Sep 90		6.410	45.869
	25 Sep 90		6.420	45.859
	9 Oct 90		6.420	45.859
	23 Oct 90		6.430	45.849
	6 Nov 90		6.450	45.829
	20 Nov 90		6.480	45.799

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
BH9	12 Sep 89		4.110	45.340
	3 Oct 89		4.160	45.290
	30 Oct 89		4.260	45.190
	14 Nov 89		4.220	45.230
	28 Nov 89		4.240	45.210
	18 Dec 89		4.130	45.320
	16 Jan 90		3.660	45.790
	15 Feb 90		3.340	46.110
	6 Mar 90		3.450	46.000
	23 Mar 90		3.520	45.930
	10 Apr 90		3.610	45.840
	24 Apr 90		3.700	45.750
	8 May 90		3.800	45.650
	22 May 90		3.850	45.600
	29 May 90		3.880	45.570
	12 Jun 90		3.890	45.560
	26 Jun 90		3.950	45.500
	12 Jul 90		4.000	45.450
	24 Jul 90		4.010	45.440
	3 Aug 90		4.030	45.420
	17 Aug 90		4.050	45.400
	31 Aug 90		4.060	45.390
	11 Sep 90		4.070	45.380
	25 Sep 90		4.090	45.360
	9 Oct 90		4.100	45.350
	23 Oct 90		4.090	45.360
	6 Nov 90		4.120	45.330
	20 Nov 90		4.110	45.340

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
H19	22 Sep 89		3.780	47.560
	30 Oct 89		3.940	47.400
	14 Nov 89		3.900	47.440
	28 Nov 89		3.930	47.410
	18 Dec 89		3.810	47.530
	2 Jan 90		3.360	47.980
	16 Jan 90		3.020	48.320
	15 Feb 90		2.520	48.820
	6 Mar 90		2.840	48.500
	23 Mar 90		2.950	48.390
	10 Apr 90		3.150	48.190
	24 Apr 90		3.240	48.100
	8 May 90		3.350	47.990
	22 May 90		3.410	47.930
	29 May 90		3.450	47.890
	12 Jun 90		3.500	47.840
	26 Jun 90		3.580	47.760
	12 Jul 90		3.640	47.700
	24 Jul 90		3.700	47.640
	3 Aug 90		3.740	47.600
	17 Aug 90		3.760	47.580
	31 Aug 90		3.820	47.520
	11 Sep 90		3.860	47.480
	25 Sep 90		3.890	47.450
	9 Oct 90		3.910	47.430
	23 Oct 90		3.940	47.400
	6 Nov 90		3.900	47.440
	20 Nov 90		3.980	47.360

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
H21	22 Sep 89		2.760	47.449
	30 Oct 89		2.820	47.389
	14 Nov 89		2.780	47.429
	28 Nov 89		2.790	47.419
	18 Dec 89		2.500	47.709
	2 Jan 90		2.190	48.019
	16 Jan 90		1.880	48.329
	15 Feb 90		1.150	49.059
	6 Mar 90		1.560	48.649
	23 Mar 90		1.750	48.459
	10 Apr 90		1.950	48.259
	24 Apr 90		2.050	48.159
	8 May 90		2.210	47.999
	22 May 90		2.300	47.909
	29 May 90		2.350	47.859
	12 Jun 90		2.430	47.779
	26 Jun 90		2.490	47.719
	12 Jul 90		2.550	47.659
	24 Jul 90		2.600	47.609
	3 Aug 90		2.640	47.569
	17 Aug 90		2.670	47.539
	31 Aug 90		2.730	47.479
	11 Sep 90		2.750	47.459
	25 Sep 90		2.770	47.439
	9 Oct 90		2.770	47.439
	23 Oct 90		2.820	47.389
	6 Nov 90		2.810	47.399
	20 Nov 90		2.830	47.379

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
ML2	16 Nov 88		3.210	50.870
	18 Nov 88		2.250	51.830
	30 Nov 88		2.210	51.870
	16 Jan 89		2.210	51.870
	16 Mar 89		1.200	52.880
	2 May 89		1.050	53.030
	16 May 89		1.450	52.630
	30 May 89		1.290	52.790
	13 Jun 89		1.990	52.090
	27 Jun 89		2.230	51.850
	1 Aug 89		2.370	51.710
	22 Aug 89		2.380	51.700
	12 Sep 89		2.480	51.600
	30 Oct 89		2.570	51.510
	14 Nov 89		2.580	51.500
	28 Nov 89		2.600	51.480
	18 Dec 89		2.040	52.040
	2 Jan 90		1.100	52.980
	16 Jan 90		0.970	53.110
	15 Feb 90		0.600	53.480
	6 Mar 90		0.810	53.270
	23 Mar 90		1.170	52.910
	10 Apr 90		1.280	52.800
	24 Apr 90		1.470	52.610
	8 May 90		1.670	52.410
	23 May 90		1.860	52.220
	29 May 90		1.970	52.110
	12 Jun 90		2.130	51.950
	26 Jun 90		2.530	51.550
	12 Jul 90		3.040	51.040
	24 Jul 90		3.040	51.040
	3 Aug 90		3.080	51.000
	17 Aug 90		2.450	51.630
	4 Sep 90		2.500	51.580
	11 Sep 90		2.520	51.560
	25 Sep 90		2.530	51.550
	9 Oct 90		2.510	51.570
	23 Oct 90		2.550	51.530
	6 Nov 90		2.630	51.450
	20 Nov 90		2.560	51.520

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
ML3	13 Mar 89		3.800	48.749
	2 May 89		3.710	48.839
	16 May 89		4.100	48.449
	30 May 89		4.100	48.449
	2 Jan 90		4.150	48.399
	6 Jan 90		4.100	48.449
	15 Feb 90		3.480	49.069
	6 Mar 90		3.660	48.889
	23 Mar 90		4.030	48.519
	10 Apr 90		4.080	48.469
	24 Apr 90		4.130	48.419

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
ML4	18 Nov 88		3.800	48.720
	30 Nov 88		3.890	48.630
	16 Jan 89		4.000	48.520
	16 Mar 89		3.160	49.360
	2 May 89		2.500	50.020
	16 May 89		2.860	49.660
	30 May 89		3.000	49.520
	13 Jun 89		3.270	49.250
	27 Jun 89		3.500	49.020
	11 Jul 89		3.590	48.930
	1 Aug 89		3.880	48.640
	22 Aug 89		3.920	48.600
	12 Sep 89		3.880	48.640
	22 Sep 89		3.950	48.570
	30 Oct 89		4.020	48.500
	14 Nov 89		4.030	48.490
	28 Nov 89		4.060	48.460
	18 Dec 89		3.970	48.550
	2 Jan 90		2.900	49.620
	16 Jan 90		2.680	49.840
	15 Feb 90		1.240	51.280
	6 Mar 90		1.520	51.000
	23 Mar 90		2.440	50.080
	10 Apr 90		2.820	49.700
	24 Apr 90		3.070	49.450
	8 May 90		3.170	49.350
	23 May 90		3.310	49.210
	29 May 90		3.400	49.120
	12 Jun 90		3.600	48.920
	26 Jun 90		3.700	48.820
	12 Jul 90		3.780	48.740
	24 Jul 90		3.830	48.690
	3 Aug 90		3.880	48.640
	17 Aug 90		3.950	48.570
	4 Sep 90		3.990	48.530
	11 Sep 90		4.000	48.520
	25 Sep 90		4.010	48.510
	9 Oct 90		4.030	48.490
	23 Oct 90		4.120	48.400
	6 Nov 90		4.130	48.390
	20 Nov 90		4.120	48.400

BURNHAM BEECHES

Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
MLS	30 Nov 88		3.360	49.910
	16 Jan 89		2.950	50.320
	16 Mar 89		2.720	50.550
	2 May 89		2.800	50.470
	16 May 89		2.870	50.400
	30 May 89		2.830	50.440
	13 Jun 89		2.970	50.300
	27 Jun 89		3.000	50.270
	11 Jul 89		3.000	50.270
	1 Aug 89		3.030	50.240
	22 Aug 89		3.050	50.220
	12 Sep 89		3.060	50.210
	30 Oct 89		3.080	50.190
	14 Nov 89		3.100	50.170
	28 Nov 89		3.110	50.160
	18 Dec 89		2.880	50.390
	2 Jan 90		2.720	50.550
	16 Jan 90		2.660	50.610
	15 Feb 90		2.570	50.700
	6 Mar 90		2.770	50.500
	23 Mar 90		2.850	50.420
	10 Apr 90		2.800	50.470
	24 Apr 90		2.880	50.390
	8 May 90		2.970	50.300
	23 May 90		2.990	50.280
	29 May 90		3.000	50.270
	12 Jun 90		3.010	50.260
	26 Jun 90		3.050	50.220
	12 Jul 90		3.070	50.200
	20 Nov 90		3.070	50.200
ML6	22 Sep 89		2.920	49.280
	30 Oct 89		3.020	49.180
	18 Dec 89		3.380	48.820
	2 Jan 90		2.690	49.510
	16 Jan 90		2.550	49.650
	15 Feb 90		0.850	51.350
	6 Mar 90		1.340	50.860
	23 Mar 90		2.370	49.830
	10 Apr 90		2.500	49.700
	24 Apr 90		2.810	49.390
	8 May 90		2.860	49.340
	23 May 90		2.980	49.220
	29 May 90		3.060	49.140
	12 Jun 90		3.190	49.010
	26 Jun 90		3.250	48.950
	12 Jul 90		3.340	48.860
	24 Jul 90		3.390	48.810

BURNHAM BEECHES

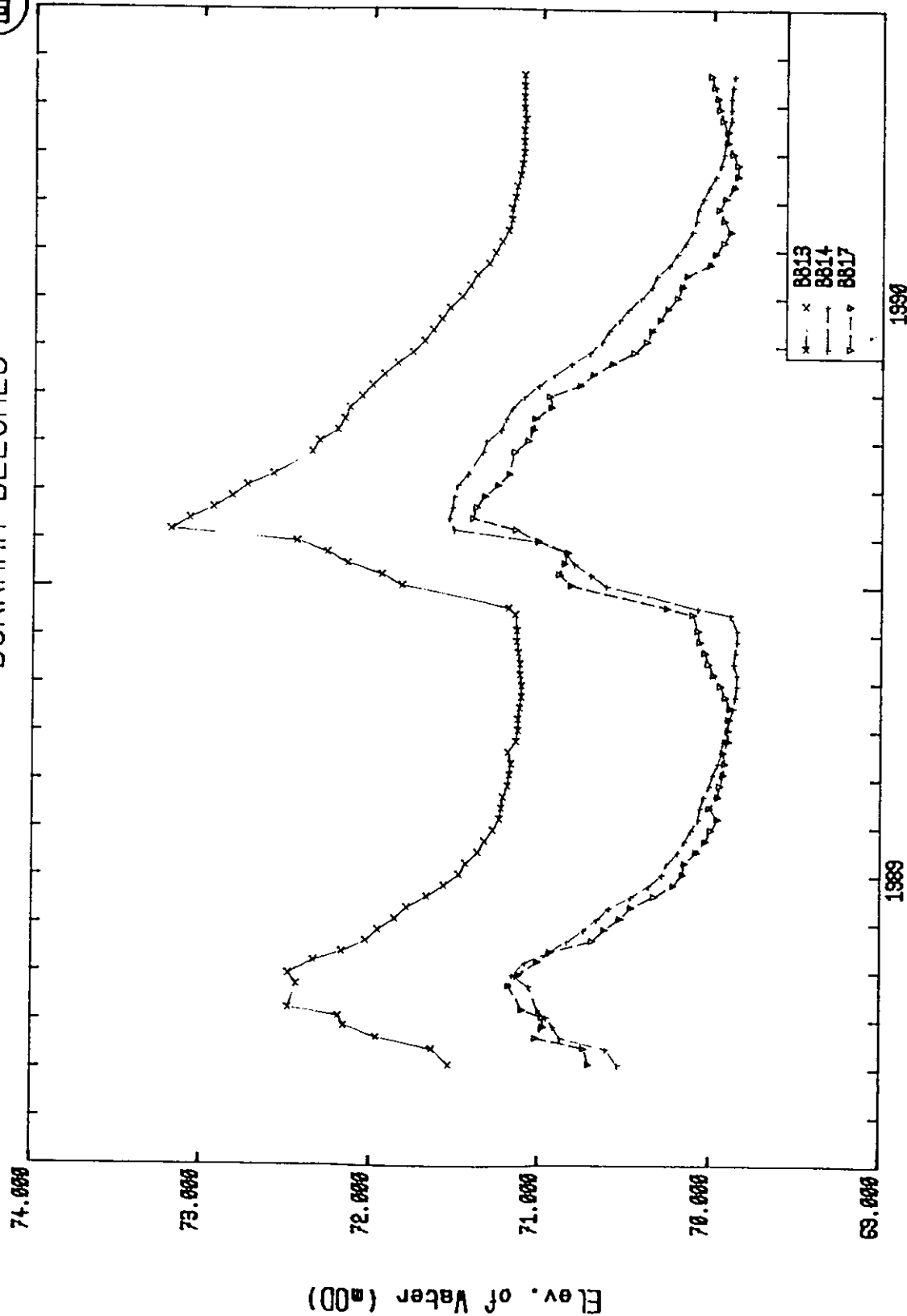
Water levels

Station No	Date	Time	Depth to water (m below datum level)	Elevation of water table (m above sea level)
SUMF1	8 Sep 88		10.079	43.680
	20 Sep 88		10.079	43.680
	28 Sep 88		10.079	43.680
	13 Oct 88		10.329	43.430
	25 Oct 88		10.079	43.680
	16 Nov 88		10.029	43.730
	1 Dec 88		10.029	43.730
	28 Feb 89		9.629	44.130
	27 Apr 89		9.029	44.730
	12 May 89		8.729	45.030
	11 Jul 89		7.829	45.930
	22 Aug 89		7.080	46.679
	22 Sep 89		7.050	46.709
	3 Oct 89		7.030	46.729
	30 Oct 89		6.710	47.049
	14 Nov 89		6.710	47.049
	27 Nov 89		6.600	47.159
	18 Dec 89		6.350	47.409
	2 Jan 90		5.350	48.409
	16 Jan 90		4.770	48.989
	30 Jan 90		4.230	49.529
	15 Feb 90		4.000	49.759
	6 Mar 90		4.140	49.619
	23 Mar 90		7.480	46.279
	10 Apr 90		7.000	46.759
	24 Apr 90		6.500	47.259
	8 May 90		6.420	47.339
	22 May 90		6.390	47.369
	29 May 90		6.390	47.369
	12 Jun 90		6.280	47.479
	26 Jun 90		6.260	47.499
	12 Jul 90		6.240	47.519
	24 Jul 90		6.210	47.549
	3 Aug 90		6.200	47.559
	17 Aug 90		6.180	47.579
	31 Aug 90		6.160	47.599
	11 Sep 90		6.160	47.599
	25 Sep 90		6.150	47.609
	9 Oct 90		6.150	47.609
	23 Oct 90		6.100	47.659
	6 Nov 90		6.100	47.659
	20 Nov 90		6.090	47.669

Appendix 7 Hydrographs

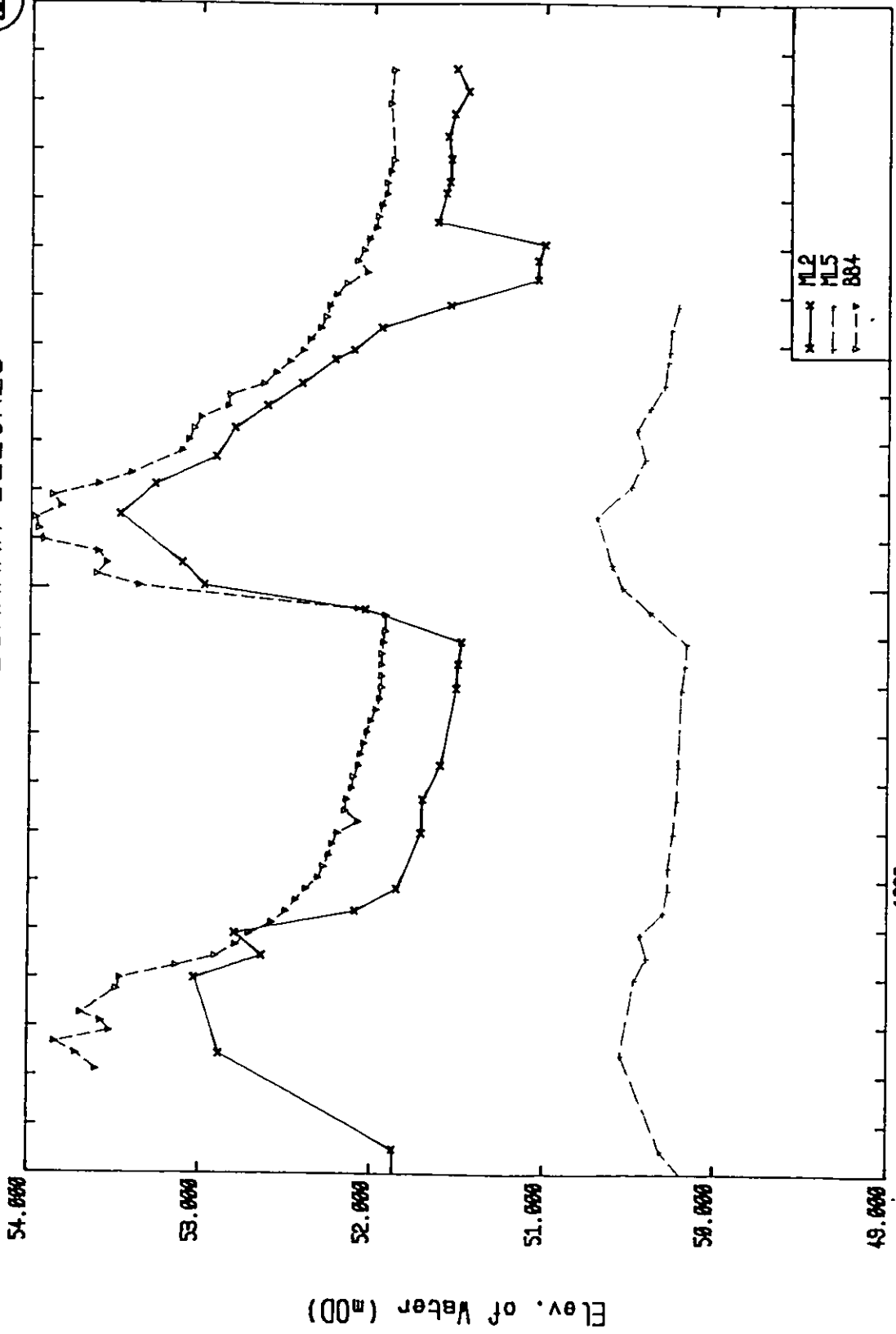


BURNHAM BEECHES





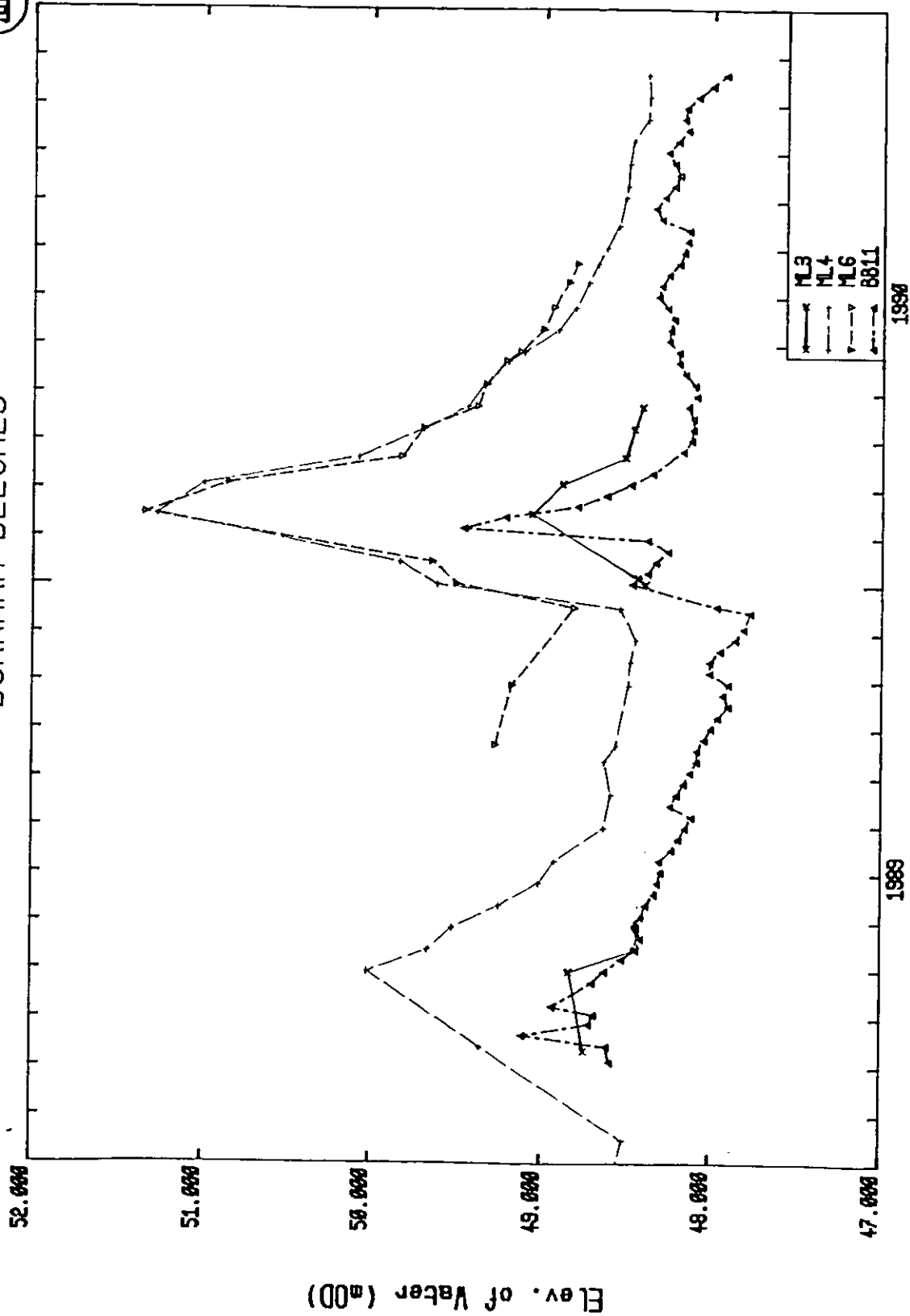
BURNHAM BEECHES



Hydrograph



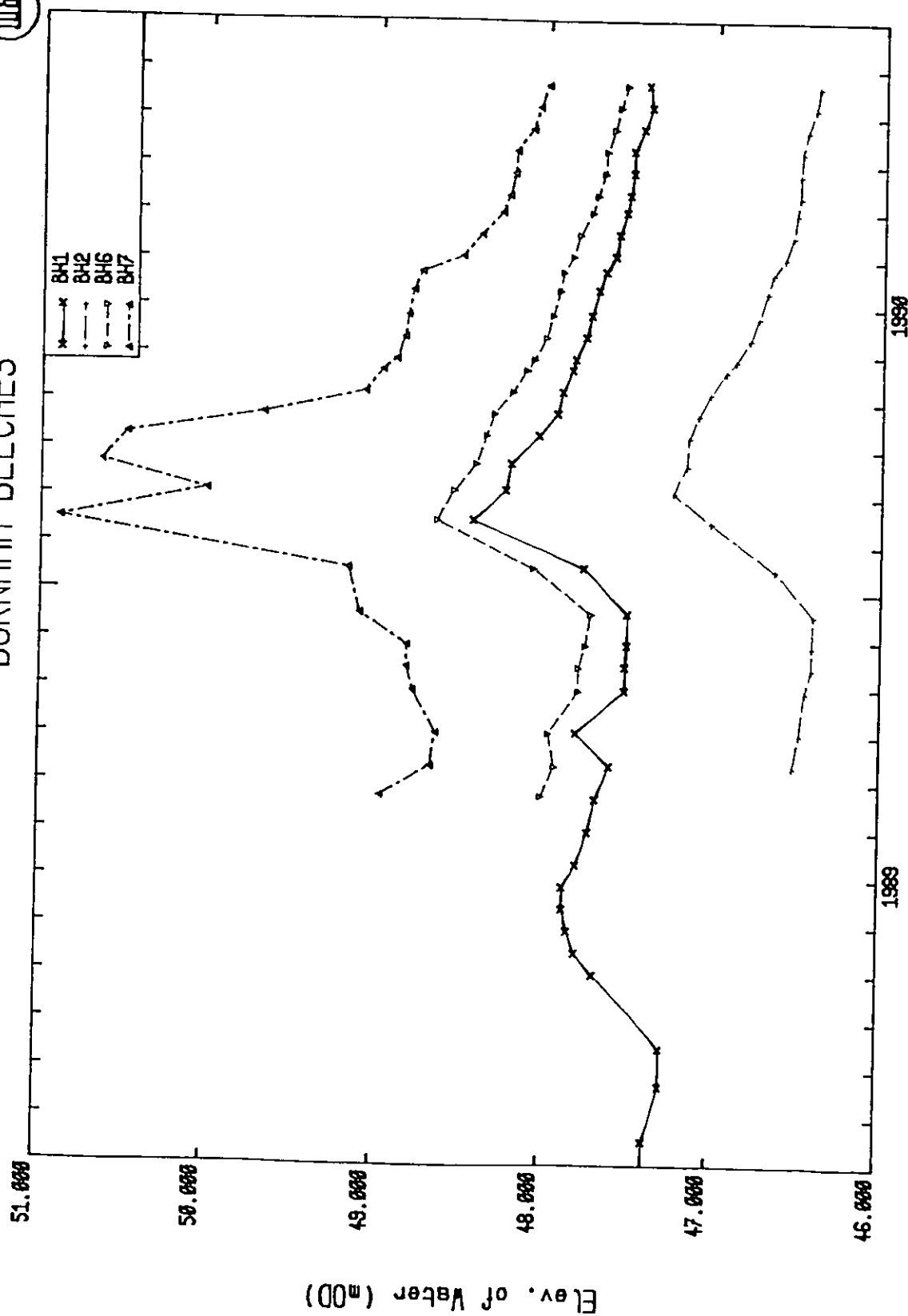
BURNHAM BEECHES



Hydrograph

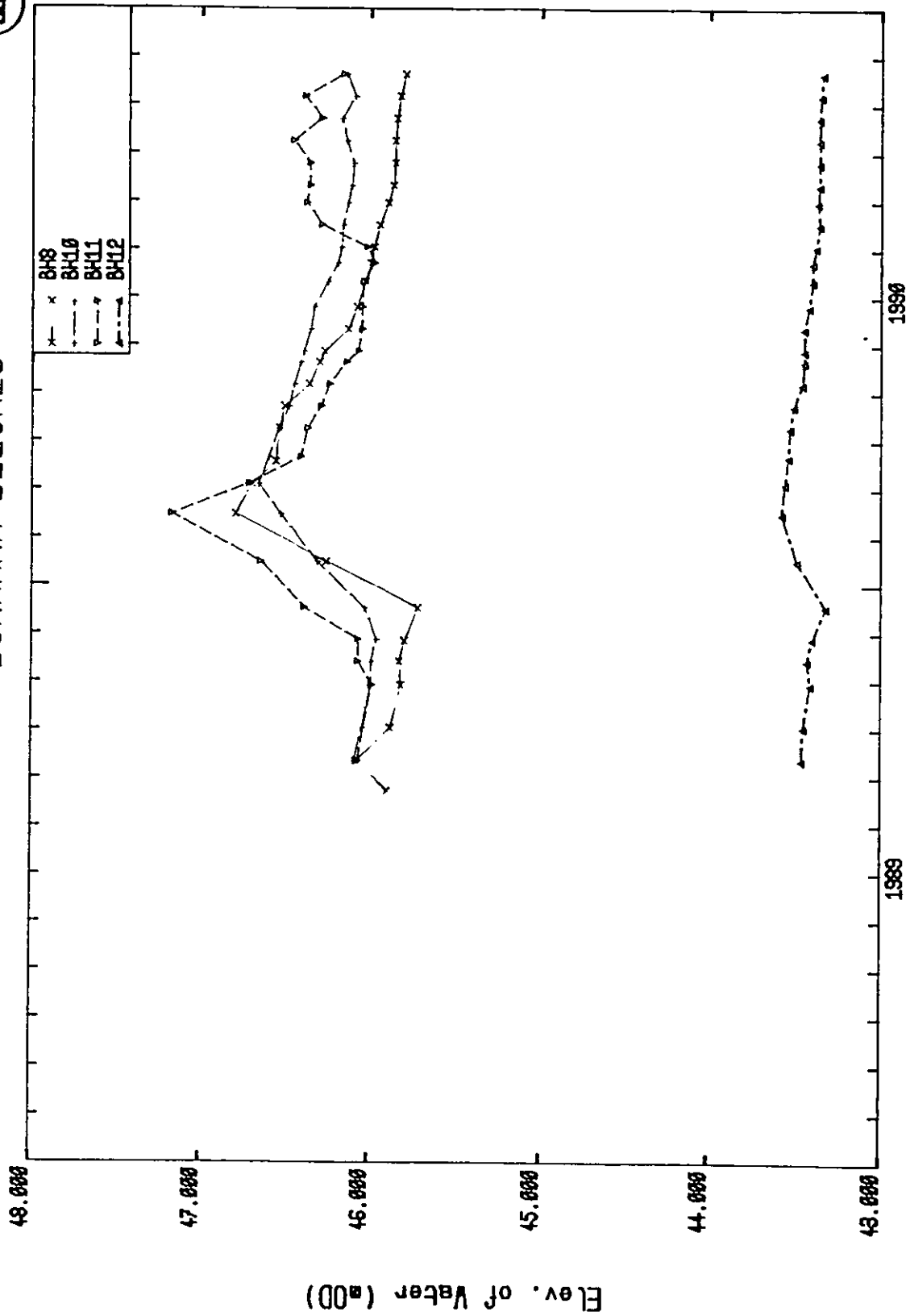


BURNHAM BEECHES



Hydrograph

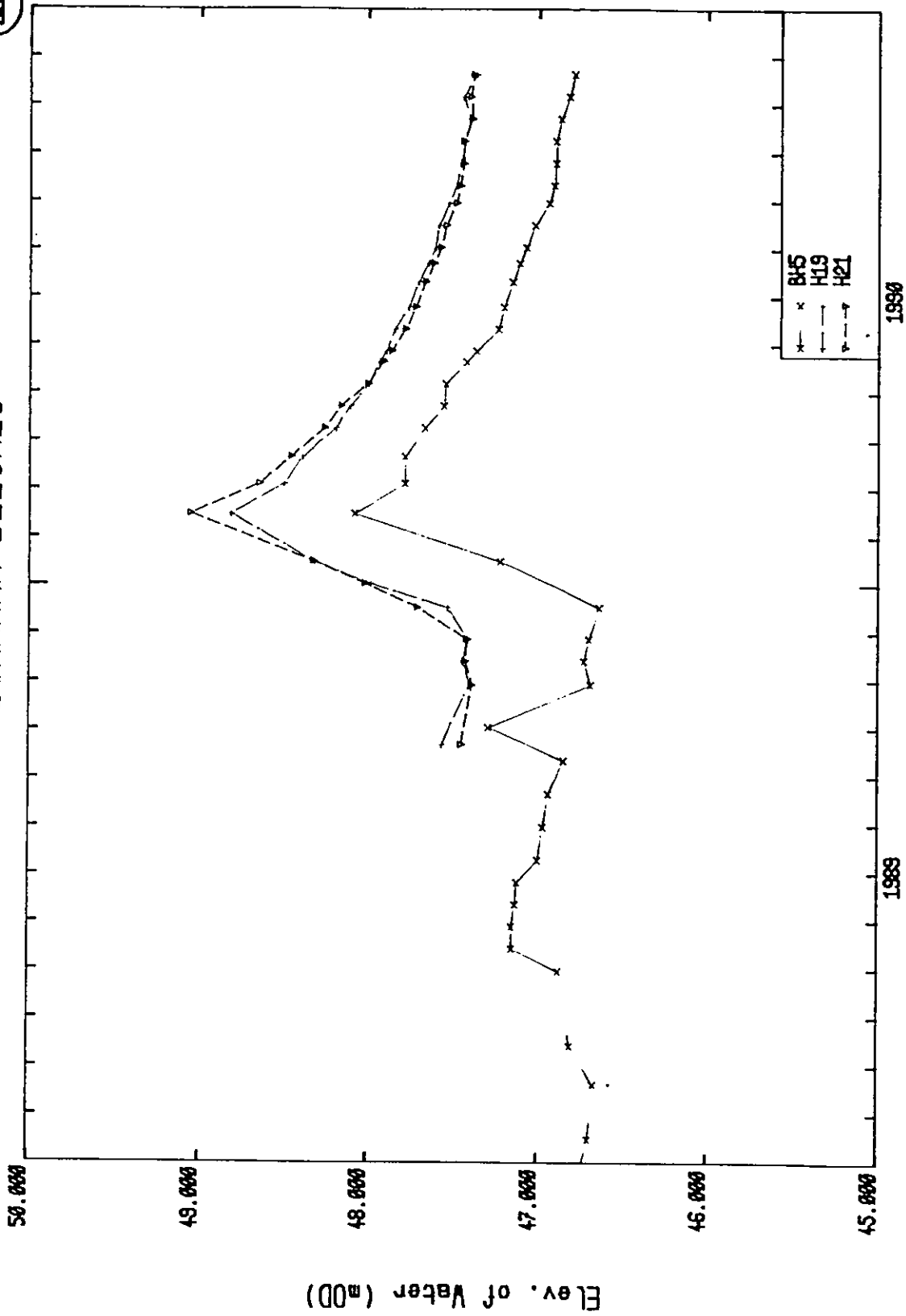
BURNHAM BEECHES



Hydrograph



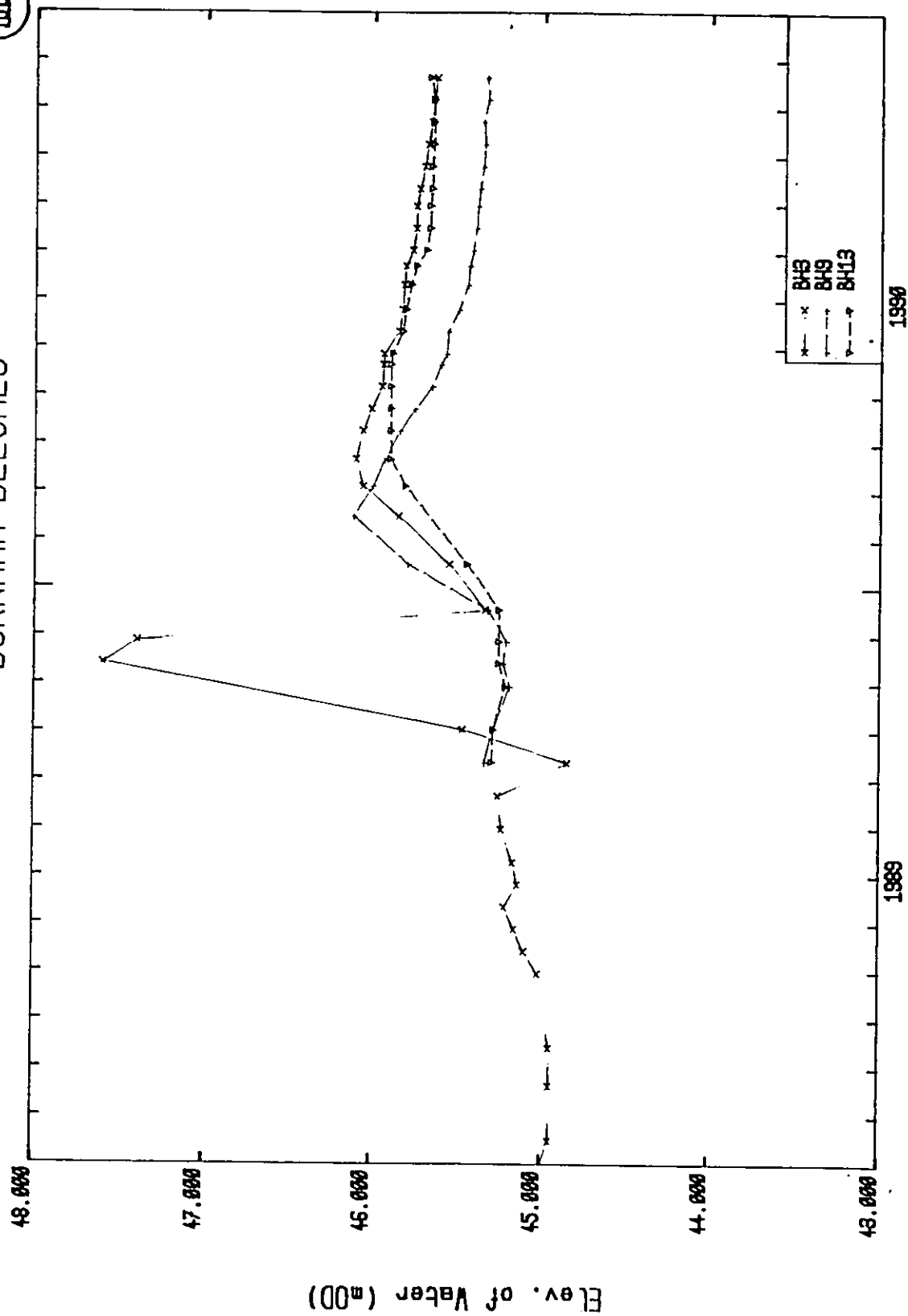
BURNHAM BEECHES

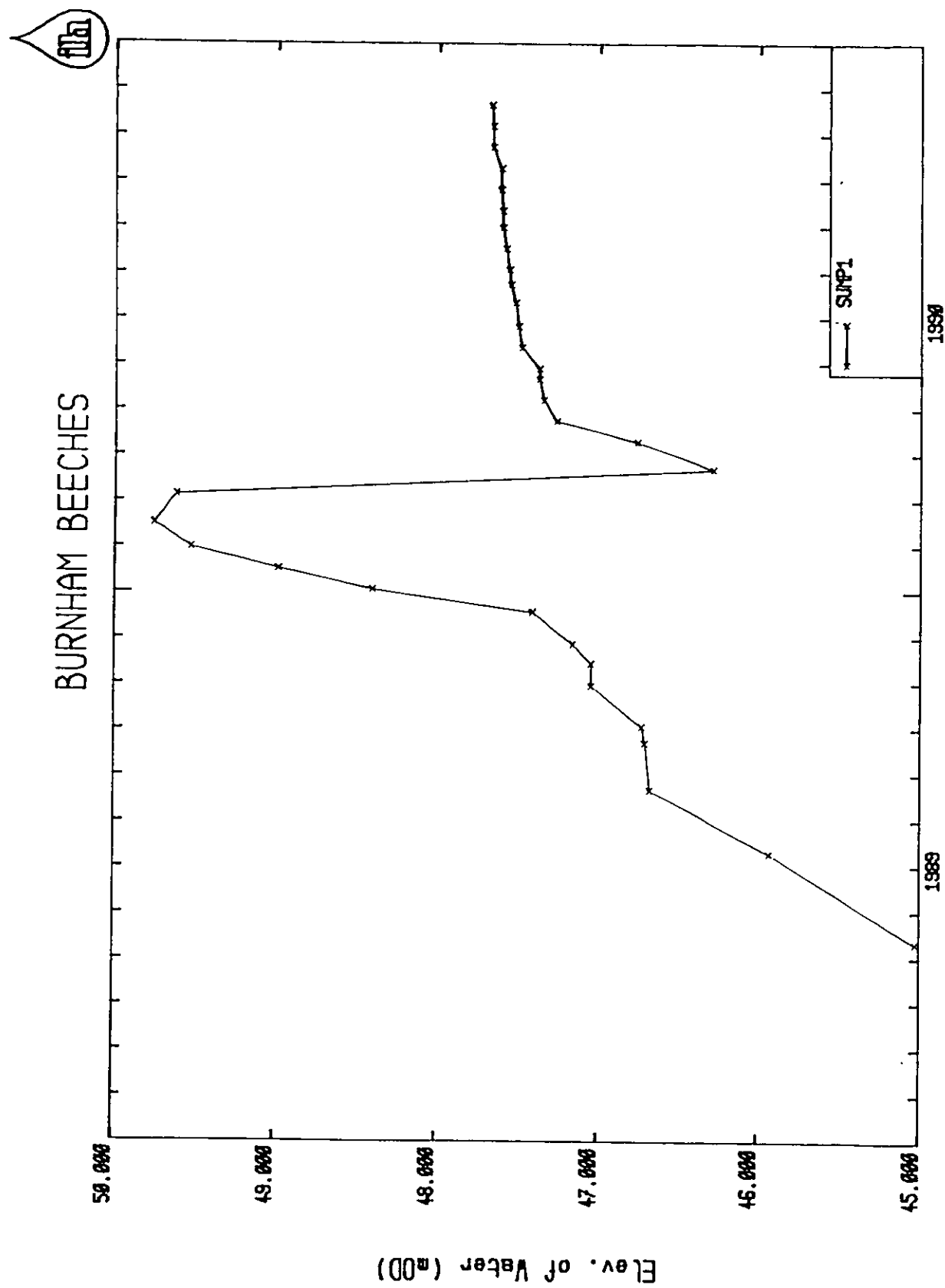


Hydrograph



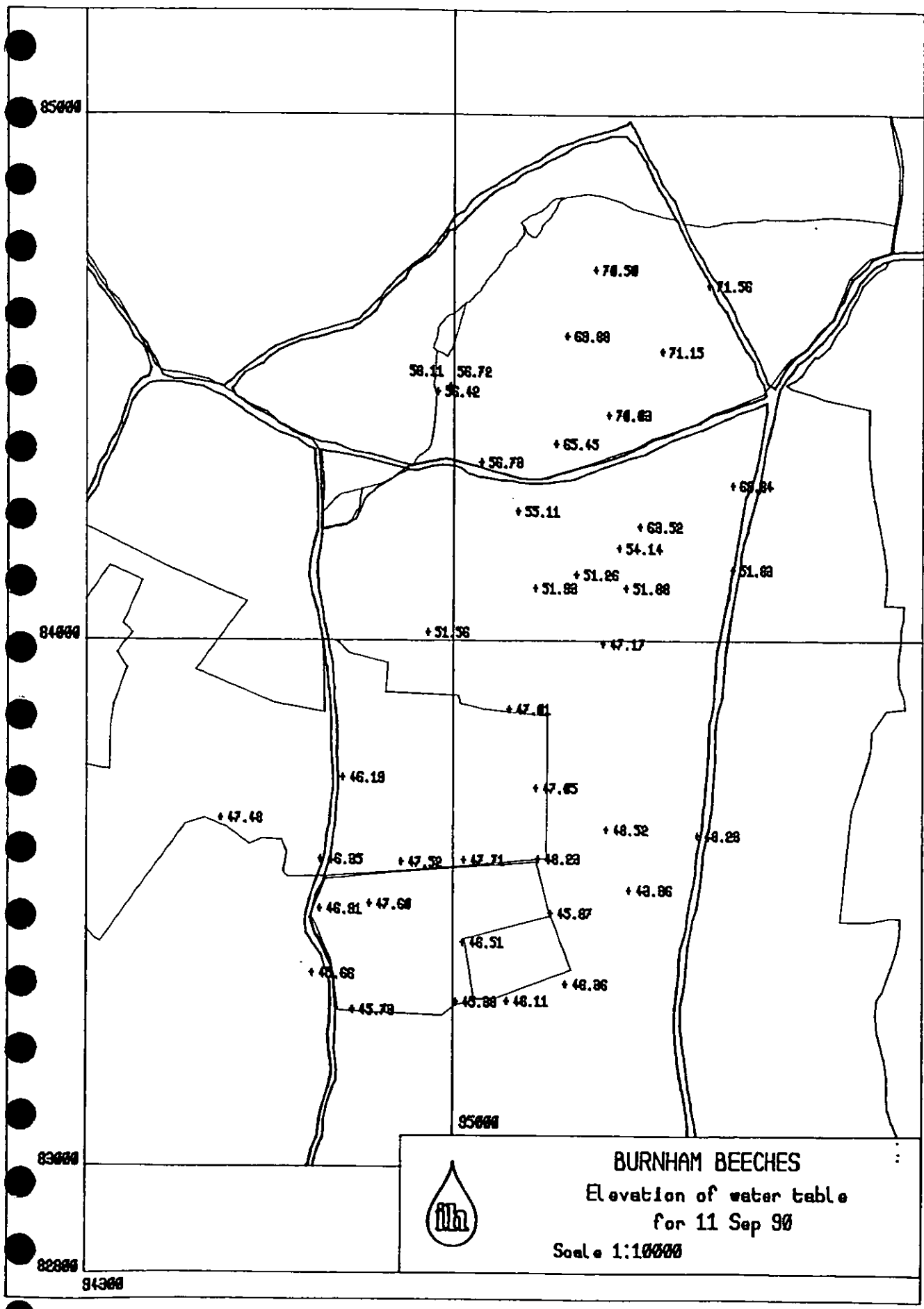
BURNHAM BEECHES





Hydrograph

Appendix 8 Water level maps



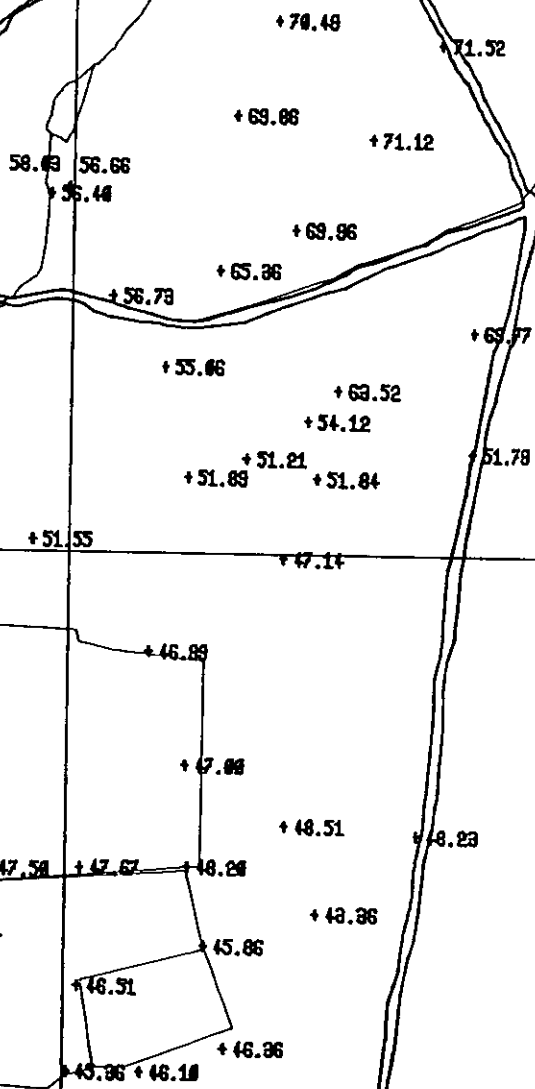
85000

84000

83000

82000

84300



BURNHAM BEECHES

Elevation of water table
for 25 Sep 90

Scale 1:10000

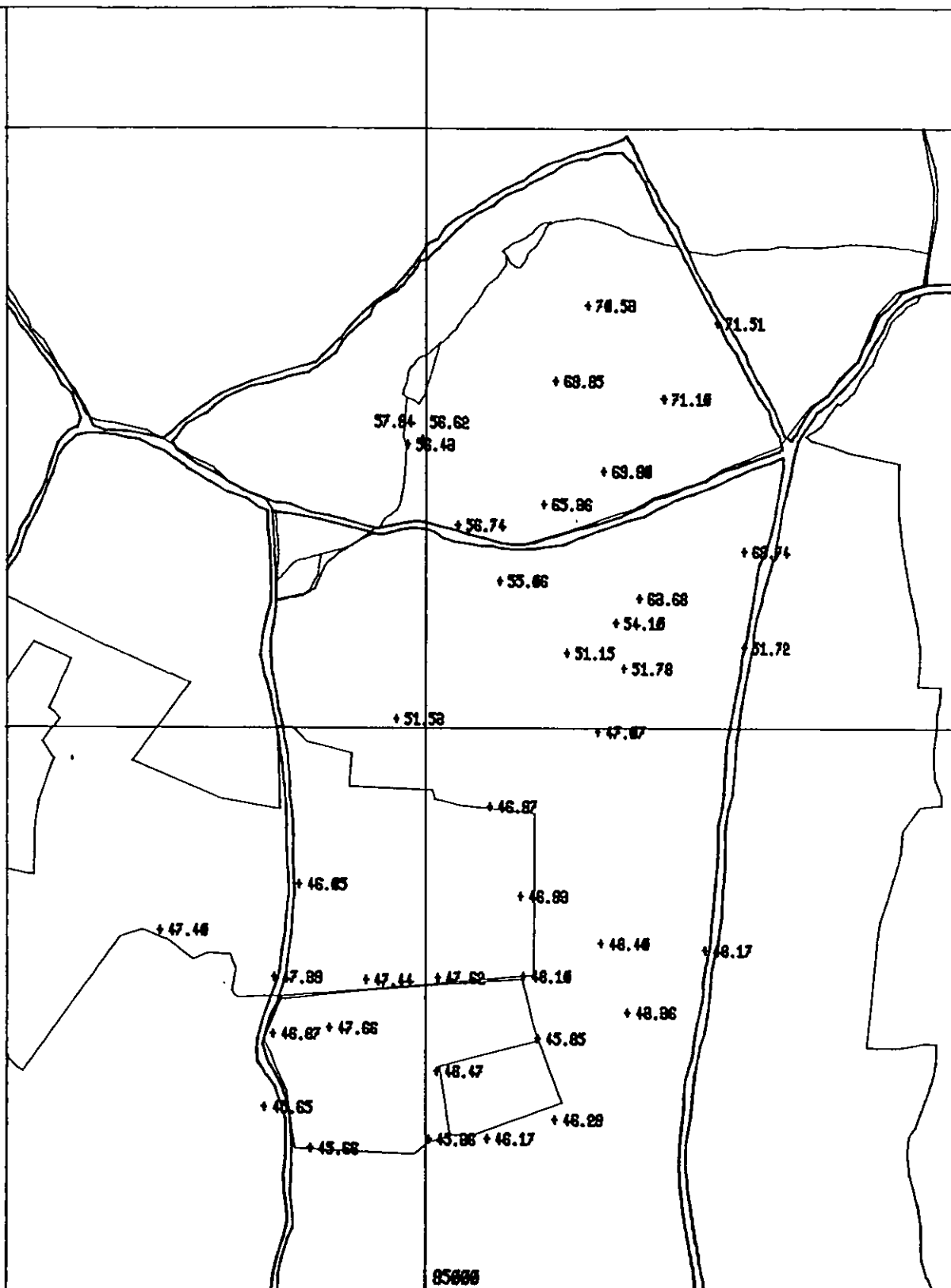
85000

84000

83000

82000

81000



BURNHAM BEECHES

Elevation of water table
for 23 Oct 90

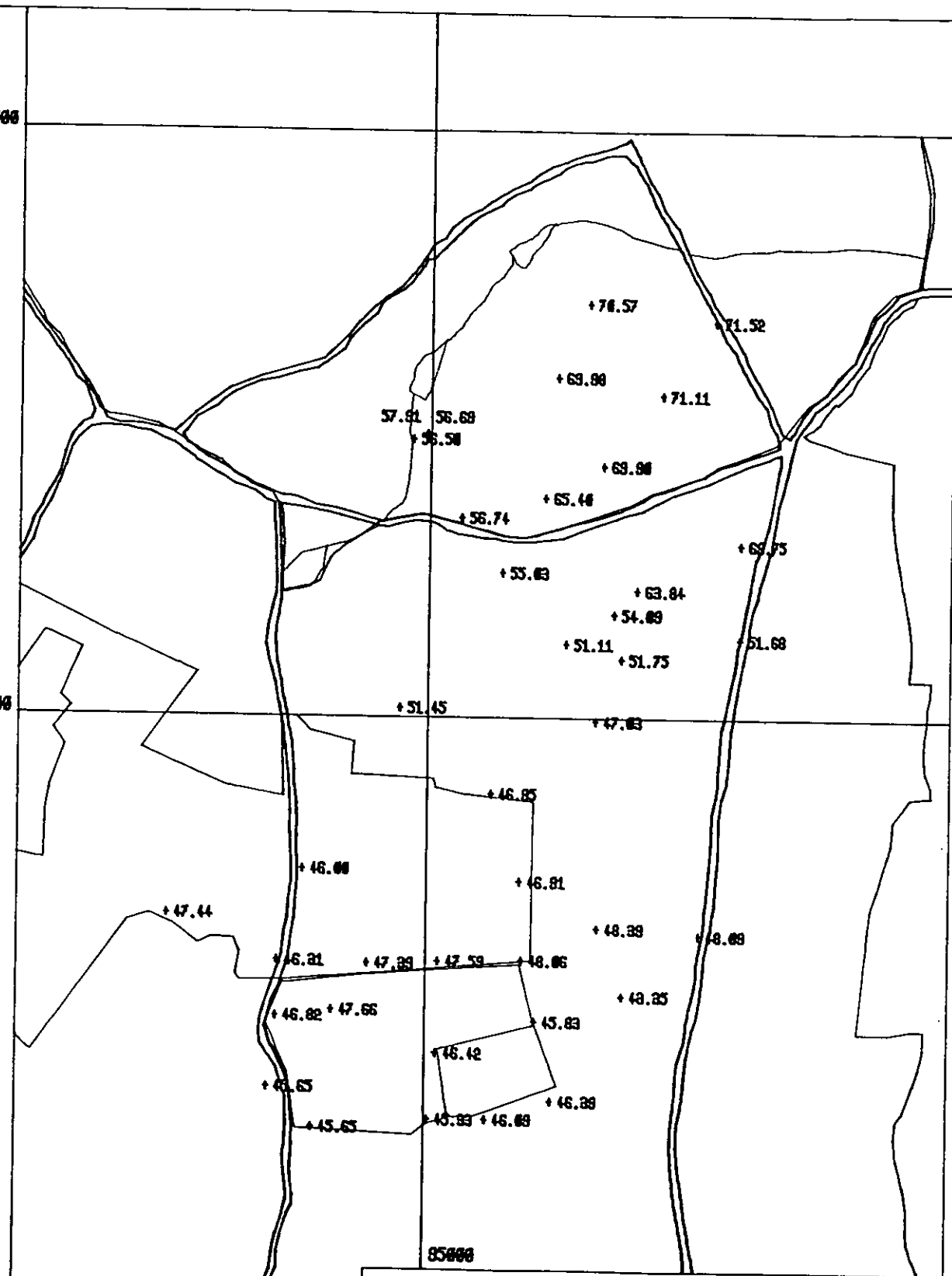
Scale 1:10000

85000

84000

83000

82000



BURNHAM BEECHES

Elevation of water table
for 6 Nov 90

Scale 1:10000

84300

85000

84000

83000

82000

84300



BURNHAM BEECHES

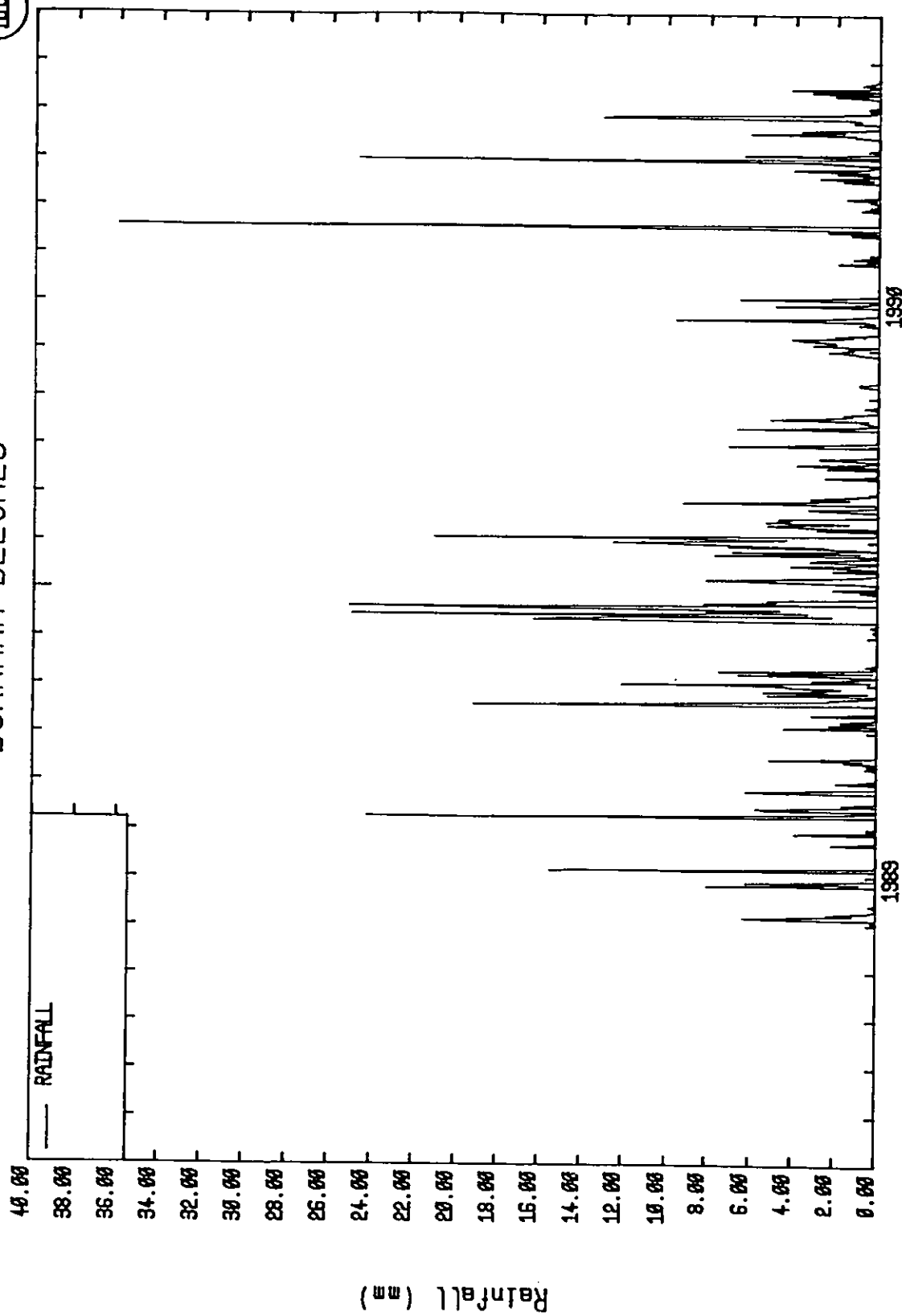
Elevation of water table
for 20 Nov 90

Scale 1:10000

Appendix 9 Rainfall data



BURNHAM BEECHES



Rainfall

RAINFALL

1 Jun 89	0.4
2 Jun 89	0.0
3 Jun 89	0.0
4 Jun 89	0.2
5 Jun 89	0.1
6 Jun 89	4.8
7 Jun 89	6.3
8 Jun 89	1.1
9 Jun 89	2.3
10 Jun 89	0.3
11 Jun 89	0.0
13 Jun 89	0.0
14 Jun 89	0.3
15 Jun 89	0.0
26 Jun 89	0.0
27 Jun 89	8.0
28 Jun 89	0.8
29 Jun 89	6.2
30 Jun 89	0.0
6 Jul 89	0.0
7 Jul 89	15.5
8 Jul 89	0.1
9 Jul 89	0.0
22 Jul 89	0.0
23 Jul 89	2.1
24 Jul 89	0.0
29 Jul 89	0.0
30 Jul 89	3.9
31 Jul 89	0.0
1 Aug 89	0.4
2 Aug 89	0.0
9 Aug 89	0.0
10 Aug 89	24.2
11 Aug 89	3.2
12 Aug 89	0.0
13 Aug 89	0.0
14 Aug 89	5.2
15 Aug 89	5.7
16 Aug 89	0.0
17 Aug 89	1.6
18 Aug 89	0.0
24 Aug 89	0.0
25 Aug 89	4.1
26 Aug 89	6.2
27 Aug 89	0.0
30 Aug 89	0.0
31 Aug 89	1.9
1 Sep 89	0.0
8 Sep 89	0.0
9 Sep 89	0.5

RAINFALL

10 Sep 89	0.0
11 Sep 89	0.4
12 Sep 89	0.0
13 Sep 89	1.5
14 Sep 89	0.7
15 Sep 89	5.1
16 Sep 89	0.0
4 Oct 89	0.0
5 Oct 89	4.4
6 Oct 89	0.1
7 Oct 89	2.2
8 Oct 89	0.1
9 Oct 89	1.7
10 Oct 89	0.0
12 Oct 89	0.0
13 Oct 89	3.1
14 Oct 89	0.0
19 Oct 89	0.0
20 Oct 89	19.2
21 Oct 89	10.1
22 Oct 89	2.3
23 Oct 89	2.1
24 Oct 89	0.2
25 Oct 89	0.0
26 Oct 89	5.2
27 Oct 89	0.4
28 Oct 89	5.4
29 Oct 89	2.6
30 Oct 89	1.7
31 Oct 89	4.1
1 Nov 89	4.5
2 Nov 89	12.1
3 Nov 89	0.3
4 Nov 89	3.1
5 Nov 89	1.1
6 Nov 89	0.0
7 Nov 89	1.5
8 Nov 89	6.6
9 Nov 89	0.2
10 Nov 89	7.5
11 Nov 89	0.2
12 Nov 89	0.0
13 Nov 89	0.5
14 Nov 89	0.0
4 Dec 89	0.0
5 Dec 89	0.2
6 Dec 89	0.0
7 Dec 89	0.0
8 Dec 89	0.3
9 Dec 89	0.0

RAINFALL

11 Dec 89	0.0
12 Dec 89	7.5
13 Dec 89	16.3
14 Dec 89	15.2
15 Dec 89	2.1
16 Dec 89	25.0
17 Dec 89	3.3
18 Dec 89	8.1
19 Dec 89	4.6
20 Dec 89	17.2
21 Dec 89	25.1
22 Dec 89	0.0
23 Dec 89	8.2
24 Dec 89	4.8
25 Dec 89	5.2
26 Dec 89	0.0
29 Dec 89	0.0
30 Dec 89	0.8
31 Dec 89	0.0
1 Jan 90	2.1
2 Jan 90	0.0
4 Jan 90	0.0
5 Jan 90	1.1
6 Jan 90	4.8
7 Jan 90	8.1
8 Jan 90	4.2
9 Jan 90	0.9
10 Jan 90	0.0
12 Jan 90	0.0
13 Jan 90	2.1
14 Jan 90	0.0
15 Jan 90	1.4
16 Jan 90	4.1
17 Jan 90	0.0
18 Jan 90	0.0
19 Jan 90	3.2
20 Jan 90	2.6
21 Jan 90	0.0
22 Jan 90	0.0
23 Jan 90	7.7
24 Jan 90	0.8
25 Jan 90	6.9
26 Jan 90	0.0
27 Jan 90	1.2
28 Jan 90	7.1
28 Jan 90	2.3
30 Jan 90	8.6
31 Jan 90	12.5
1 Feb 90	6.8
2 Feb 90	4.3

RAINFALL

3 Feb 90	21.1
4 Feb 90	0.2
5 Feb 90	0.0
7 Feb 90	0.0
8 Feb 90	2.9
9 Feb 90	0.0
10 Feb 90	4.6
11 Feb 90	5.2
12 Feb 90	1.3
13 Feb 90	5.3
14 Feb 90	4.2
15 Feb 90	4.7
16 Feb 90	0.0
19 Feb 90	0.0
20 Feb 90	1.6
21 Feb 90	3.3
22 Feb 90	0.0
23 Feb 90	0.0
24 Feb 90	0.2
25 Feb 90	9.2
26 Feb 90	3.6
27 Feb 90	1.3
28 Feb 90	3.2
1 Mar 90	1.3
2 Mar 90	0.0
12 Mar 90	0.0
13 Mar 90	2.5
14 Mar 90	0.1
15 Mar 90	0.0
18 Mar 90	0.0
19 Mar 90	2.4
20 Mar 90	0.0
21 Mar 90	3.9
22 Mar 90	0.0
23 Mar 90	0.0
24 Mar 90	1.2
25 Mar 90	2.8
26 Mar 90	0.0
1 Apr 90	0.0
2 Apr 90	7.1
3 Apr 90	3.2
4 Apr 90	0.1
5 Apr 90	0.0
12 Apr 90	0.0
13 Apr 90	6.7
14 Apr 90	1.2
15 Apr 90	0.0
16 Apr 90	0.3
17 Apr 90	0.8
18 Apr 90	0.5

RAINFALL

19 Apr 90	5.1
20 Apr 90	2.6
21 Apr 90	1.2
22 Apr 90	1.6
23 Apr 90	0.0
25 Apr 90	0.0
26 Apr 90	0.6
27 Apr 90	0.0
9 May 90	0.0
10 May 90	0.8
11 May 90	0.9
12 May 90	0.0
29 May 90	0.0
30 May 90	0.8
31 May 90	1.2
1 Jun 90	2.3
2 Jun 90	1.2
3 Jun 90	1.4
4 Jun 90	0.0
5 Jun 90	3.1
6 Jun 90	2.0
7 Jun 90	2.1
8 Jun 90	3.6
9 Jun 90	4.1
10 Jun 90	1.2
11 Jun 90	2.0
12 Jun 90	0.0
17 Jun 90	0.0
18 Jun 90	0.9
19 Jun 90	0.2
20 Jun 90	0.7
21 Jun 90	9.6
22 Jun 90	2.6
23 Jun 90	1.0
24 Jun 90	0.0
29 Jun 90	0.0
30 Jun 90	4.9
1 Jul 90	0.6
2 Jul 90	0.0
3 Jul 90	0.0
4 Jul 90	6.6
5 Jul 90	2.5
6 Jul 90	0.0
26 Jul 90	0.0
27 Jul 90	1.9
28 Jul 90	0.0
29 Jul 90	0.0
30 Jul 90	1.2
31 Jul 90	0.0
13 Aug 90	0.0

RAINFALL

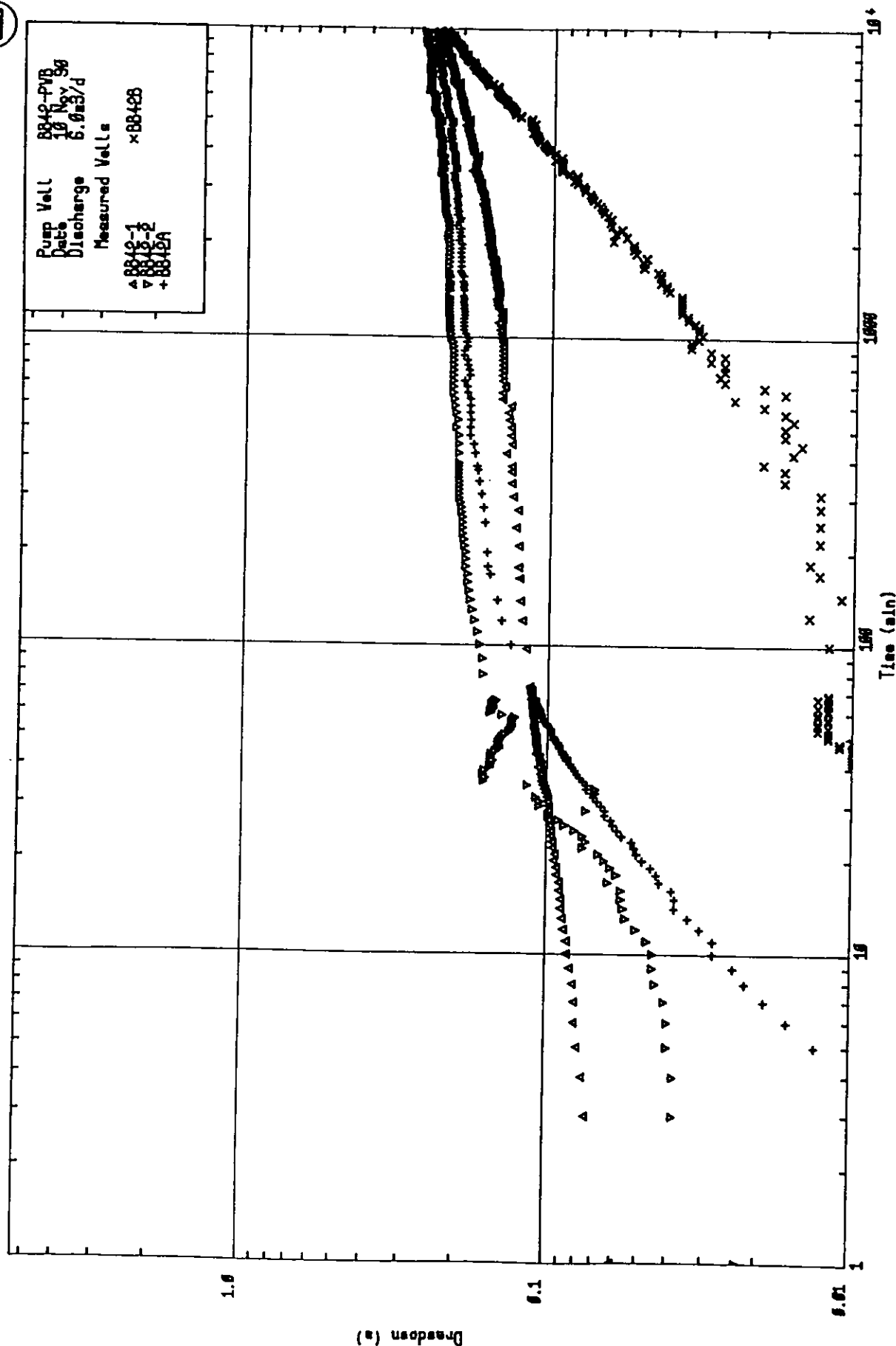
14 Aug 90	1.3
15 Aug 90	0.0
16 Aug 90	2.4
17 Aug 90	0.1
18 Aug 90	6.1
19 Aug 90	36.1
20 Aug 90	0.0
21 Aug 90	0.0
22 Aug 90	0.0
29 Aug 90	0.0
30 Aug 90	0.8
31 Aug 90	0.0
1 Sep 90	0.2
2 Sep 90	0.0
3 Sep 90	0.0
4 Sep 90	0.4
5 Sep 90	0.2
6 Sep 90	1.5
7 Sep 90	0.0
16 Sep 90	0.0
17 Sep 90	1.7
18 Sep 90	0.3
19 Sep 90	2.8
20 Sep 90	0.0
21 Sep 90	0.0
22 Sep 90	2.0
23 Sep 90	0.5
24 Sep 90	4.1
25 Sep 90	0.6
26 Sep 90	0.0
27 Sep 90	0.0
28 Sep 90	1.4
29 Sep 90	2.8
30 Sep 90	25.1
1 Oct 90	0.0
2 Oct 90	0.0
3 Oct 90	6.4
4 Oct 90	0.0
5 Oct 90	0.0
6 Oct 90	0.5
7 Oct 90	0.0
13 Oct 90	0.0
14 Oct 90	0.1
15 Oct 90	1.1
16 Oct 90	1.2
17 Oct 90	6.1
18 Oct 90	1.6
19 Oct 90	3.7
20 Oct 90	0.0
23 Oct 90	0.0

RAINFALL

24 Oct 90	1.2
25 Oct 90	0.9
26 Oct 90	1.4
27 Oct 90	13.1
28 Oct 90	12.3
29 Oct 90	2.7
30 Oct 90	0.2
31 Oct 90	0.1
1 Nov 90	0.0
2 Nov 90	0.5
3 Nov 90	0.0
8 Nov 90	0.0
9 Nov 90	0.7
10 Nov 90	2.1
11 Nov 90	0.0
12 Nov 90	3.2
13 Nov 90	0.0
14 Nov 90	4.2
15 Nov 90	0.0
16 Nov 90	0.0
17 Nov 90	0.8
18 Nov 90	0.3
19 Nov 90	0.0
20 Nov 90	0.0

Appendix 10 Pumping test results

Burnham Beeches



BB42-PVB Aquifer Test on 10 Nov 90

Appendix 11 Ground conductivities

GROUND CONDUCTIVITY SURVEY DATA (mmhos/m)

(Underlined numbers denote traverse number - see Plate 4)

<u>1-2</u>	<u>2-10</u>	<u>3-4</u>	<u>5-6</u>	<u>7-8</u>	<u>cont</u>	<u>7-9</u>	<u>11-12</u>	<u>13-14</u>	<u>15-16</u>	<u>17-18</u>
23	13	26	22	23	12	23	53	52	46	32
30	15	28	24	26	15	31	41	45	35	29
35	15	36	31	27	14	30	37	39		
20	15	30	40	19	12	32	30	30		
15	16	23	30	17		33				
14	14	19	23	15		30				
13	13		23	16		35				
	13			18		36				
	13			19		34				
	13			22		32				
	15			26		37				
	17			32		52				
	20			40		65				
	28			37		75				
	36			40		85				
	38			35		80				
	39			32		55				
	42			31		57				
	40			28		70				
	36			26		74				
	32			23		65				
	31			18						
				16						
				17						
				15						
				14						
				16						
				18						
				17						
				15						
				13						
				12						
				13						
				13						
				24						
				13						
				15						
				16						
				14						
				15						
				13						
				12						
				14						

<u>85-86</u>	<u>87-88</u>	<u>89-90</u>	<u>91-92</u>	<u>93-94</u>	<u>95-96</u>	<u>97-98</u>	<u>99-100</u>	<u>101-102</u>	<u>103-104</u>
37	34	30	30	25	27	52	39	43	40
33	33	29	27	24	23	46	43	40	37
40	32		27		25	46	42	36	32
45						40	39	32	28
46						35	34	30	25
60						31	30	27	24
						20	27	23	24
						31	25	22	24
							27	20	23
							28	22	23

<u>105-106</u>	<u>107-108</u>	<u>109-110</u>	<u>111-112</u>	<u>113-114</u>	<u>115-116</u>	<u>117-118</u>	<u>119-120</u>
42	46	22	23	22	27	28	29
36	44	20	23	21	25	28	27
32	43	22	22	22	24	29	25
29	38	22	22	23	25	27	28
26	38	24	24	22	25	27	33
34	36	23	25	23	24	33	41
32	34	23	26	24	26	43	48
31	32	25	25	26	28	46	
31	31	27	26	25	30		
30	31	27	27	27	35		
	30	28	29	29	38		
		32	29	32	42		
		38	30	39	43		
		45	39	42	43		
		47	45	47	45		
		52	50	46			
			50				

<u>121-122</u>	<u>123-124</u>	<u>125-126</u>	<u>127-128</u>	<u>129-130</u>	<u>131-132</u>	<u>133-134</u>	<u>135-136</u>
20	23	22	24	21	35	28	21
23	22	22	21	22	35	27	23
23	24	23	22	23	35	22	23
22	29	30	29	43	33	22	26
24	35	39	41	55	31	23	-
31	43	47	52	55	31	26	27
42				50	31	25	29
				45	28	27	27
				45	26	29	26
				44	25	22	24
				41	25	28	22
				40	28	24	22
				38	29	20	23
				36	29	20	26
					28	21	27
					28	24	25
					29	24	26
						25	27
							27

<u>137-138</u>	<u>139-140</u>	<u>141-142</u>	<u>143-144</u>	<u>145-146</u>	<u>147-148</u>	<u>149-150</u>	<u>151-152</u>
20	21	21	22	23	21	20	20
23	22	23	24	20	21	21	22
25	24	23	22	22	21	21	21
36	25	24	24		22	20	21
-	31				23	21	22
30	10				23	22	23
29	23				24	21	23
24	21				25	22	24
22	22				25	22	23
24	23				26	23	24
23	22				25	24	24
22	21				26	24	25
25	23				27	26	25
26	26				27	26	26
24	25				30	29	28
24	23				32	33	30
25	24				31	31	32
24	24				26	27	30
26	25				23	24	25
	26					22	22
							21

<u>153-154</u>	<u>155-156</u>	<u>157-158</u>	<u>159-160</u>	<u>161-162</u>	<u>163-164</u>	<u>165-166</u>	<u>167-168</u>
21	30	32	33	31	27	28	27
22	31	32	34	31	24	25	25
21	31	33	36	30	23	24	22
22	32	35	36	30	22	24	21
23	31	37	38	33	20	22	22
23	31	38	40	35	19	22	24
24	28	36	42	33	20	21	26
24	27	36	46	32	18	20	26
	29	35	45	35	17	19	26
	30	34	43	38	17	17	22
	31	32	40	39	16	17	21
	32	33	39	40	16	19	19
	35	30	37	39	15	18	18
	40	31	36	38	16	18	18
	34	31	34	36		17	17
	32	30	32	34		16	18
		28	31	32		16	16
		29	30	30			16
		29					15
		28					

<u>169-170</u>	<u>171-172</u>	<u>173-174</u>	<u>175-176</u>	<u>177-178</u>	<u>179-180</u>	<u>181-182</u>	<u>183-184</u>
26	30	40	34	42	37	16	15
24	28	34	30	40	40	18	17
22	25	28	28	38	42	18	18
20	24	24	26	33	41	21	20
21	23	24	25	30	35	24	22
23	24	24	24	30	30	26	21
26	24	25	25	30	30	27	24
27	25	25	26	31	32	29	25
25	25	25	25	32	33	27	27
23	24	24	25	27	31	24	24
20	23	24	26	28	29	28	23
17	23	25	26	28		34	27
16	22	25	24	27		26	20
15	22	23	22	24		20	18
15	22	22	21	22		21	19
16	20	21	20	22		22	23
16	19	20	20	22		26	28
17	19	20	21	23		36	44
18	20	21	23	24		48	51
	22	22	22			54	52
	23	23				55	45

<u>185-186</u>	<u>187-188</u>	<u>189-190</u>	<u>191-192</u>	<u>193-194</u>	<u>195-196</u>	<u>197-198</u>	<u>199-200</u>
15	16	16	18	20	20	20	18
15	16	17	19	19	21	20	18
15	17	17	18	19	20	21	19
17	18	19	18	18	19	22	20
18	20	20	23	19	20	23	21
21	22	22	25	21	20	24	21
21	23	25	28	22	19	26	22
18	19	25	29	24	19	21	20
22	19	26	30	25	22	23	19
23	21	26	28	26	22	22	17
20	23	25	27	27	23	22	17
17	27	26	31	27	23	24	18
19	20	21	28	30	25	25	20
21	20	21	27	28	31	25	19
16	19	24	28	29	31	25	21
19	17	24	30	31	35	24	24
24	20	26	28	33	34	25	25
30	19	29	26	33	30	25	21
38	24	29	27	32	30	30	23
40	27	27	26	29	27	38	25
37	36	27	29	30	28	32	27
			28	31	30	30	22
			32	33	35	40	21
			40	35	36	38	19
			42	41	43	50	21
			46	49	45	53	28
			48	53	51	48	39
			47	58	51	45	40
			46	46	45	32	42
			45	42	44	30	31
			40	40			
			32	38			

<u>201-202</u>	<u>203-204</u>	<u>205-206</u>	<u>207-208</u>	<u>209-210</u>	<u>211-212</u>	<u>213-214</u>	<u>215-216</u>
17	17	17	19	18	18	17	18
21	17	17	20	20	19	18	17
20	18	16	21	22	18	17	17
21	26	19	27	22	18	17	17
23	30	20	28	20	19	18	18
25	33	22	30	23	20	20	19
25	36	23	32	34	20	20	20
23	40	25	34	32	21	20	20
21	39	26	36	33	21	20	19
21	41	22	32	25	21	19	19
20	36	19	30	29	21	19	20
21	36	19	28	34	20	20	20
21	35	18	27	30	21	20	20
20	36	19	26	24	22	20	21
22	34	21	28	24	22	23	23
24	34	25	36	28	26	23	24
28	35	30	41	30	30	24	26
26	37	28	42	32	31	27	28
28	39	26	40	34	31	29	32
29	43	23	38	39	30	30	32
27	44	25	33	28	22	30	34
25	45	30	30	21	19	36	35
23	47	32	33	20	19	38	40
27	46	34	35	20	31	45	48
30	28	34	39	25		32	36
28	27						
31	24						
36	25						
46	35						
42							

<u>217-218</u>	<u>219-220</u>	<u>221-222</u>	<u>223-224</u>	<u>225-226</u>	<u>227-228</u>	<u>229-230</u>	<u>231-232</u>
17	19	19	18	28	22	26	30
18	21	20	20	25	19	22	27
17	22	20	20	23	21	21	26
18	22	20	20	22	23	25	26
19	21	20	21	26	24	26	25
19	20	21	21	32	25	25	24
19	22	21	21	24	25	24	24
18	27	21	21	22	22	22	24
18	27	21	20	25	24	22	23
19	28	21	21	30	23	22	21
20	27	22	21	40	26	22	20
21	28	23	22	35	35	22	20
23	30	25	24	40	30	26	22
23	31	26	26				24
23	34	31	29				
25	36	30	32				
30	39	33	33				
29	40	32	34				
29	36	34	35				
33	36	35	37				
37	38	35	40				
40	45	50	43				
-	56	51	49				
39	39	45	46				
39	40	46	44				

<u>233-234</u>	<u>235-236</u>
29	33
28	31
27	30
28	30
28	29
27	28
26	27
27	27
27	26
27	25
26	24
27	25
26	24
23	22
22	21